August 10, 2012

DATA GAP INVESTIGATION and INTERIM SOURCE REMOVAL WORKPLAN ADDENDUM

Property Identification:
1630 Park Street
Alameda, California

AEI Project No. 298931
ACEHD Fuel Leak Case No. RO0000008

Prepared for:
Foley Street Investments
Attn: Mr. John Buestad
2533 Clement Avenue
Alameda, CA 94501

Prepared by:
AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
(925) 746-6000

August 10, 2012

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject: **Perjury Statement and Report Transmittal**

1600 – 1630 Park Street
Alameda, California 94501
AEI Project No. 298931
ACEH RO#0000008

Dear Ms. Detterman:

I declare under penalty of perjury, that the information and/or recommendations contained in the attached report for the above-referenced site are true and correct to the best of my knowledge.

If you have any questions or need additional information, please do not hesitate to call me or Mr. Peter McIntyre at AEI Consultants, (925) 746-6004.

Sincerely,

John Buestad
President

JB/pm

Attachment: AEI Consultants, *Data Gap Investigation and Interim Source Removal Workplan Addendum (August 10, 2012)*

cc: Mr. Peter McIntyre, AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597
Mr. Robert Robitaille, AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597

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Environmental & Engineering Services
2500 Camino Diablo, Walnut Creek, CA 94597
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August 10, 2012

Alameda County Environmental Health Department
Attn: Ms. Karel Detterman
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: **Data Gap Investigation and**
Interim Source Removal Workplan Addendum
1630 Park Street
Alameda, California
AEI Project No. 298931
ACEHD Fuel Leak Case No. RO0000008

Dear Ms. Detterman:

AEI Consultants (AEI) has prepared this Addendum to the Data Gap Investigation and Interim Source Removal Workplan on behalf of Foley Street Investments (FSI), developer of the subject site (See Figure 1 and Figure 2). The subject of this Addendum is the leaking underground storage tank (LUST) case located at the property 1630 Park Street, known as the Good Chevrolet site. The Alameda County Environmental Health Department (ACEHD) is the agency with regulatory oversight of the LUST case. This Addendum addresses comments to the original Data Gap Investigation and Interim Source Removal Workplan (AEI, May 4, 2012) which were provided by the ACEHD in correspondence dated July 20, and July 31, 2012.

This Workplan Addendum includes the following key items:

1. Revised Excavation Target Soil Concentrations (ACEH July 20 letter, Technical Comment 4);
2. Additional Former Tank Pit and Lift Excavation Confirmation Sampling (ACEH July 20 letter, Technical Comment 5);
3. Revised Soil Vapor Sampling Plan (ACEH July 20 letter, Technical Comment 6);
4. Discussion of Additional Remedial Efforts (ACEH July 20 letter, Technical Comment 7);
5. Revised Groundwater Monitoring Schedule (ACEH July 20 letter, Technical Comment 8);
6. Preliminary Site Conceptual Model (ACEH July 20 letter, Technical Comment 10).

1.0 Excavation Target Soil Concentrations

Section 5.2.1 of the May 4, 2012, Workplan proposed excavation bottom target soil concentrations based on Table B of the San Francisco Bay Regional Water Quality Control Board, California EPA, *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*. Based on the request from the ACEH, the excavation bottom target soil concentrations have been modified using Table A of the guidance document.

The revised cleanup targets for the excavation bottom samples are summarized below:

Constituent	*Target Soil Concentration**
TPH-g	*83 mg/kg*
TPH-d	*83 mg/kg*
TPH-mo	*2,500 mg/kg*
Benzene	*0.044 mg/kg*
Toluene	*2.9 mg/kg*
Ethylbenzene	*3.3 mg/kg*
Total Xylenes	*3.3 mg/kg*

*Based Table A of the RWQCB 2008 ESL Guidance Document.

2.0 Former Tank Pit and Lift Excavation Confirmation Sampling

Section 5.2.5 of the original May 4, 2012, Workplan proposed confirmation sampling and analytical intervals at the rate of 2 sidewall and 1 bottom sample from each excavation at a minimum. Based on ACEH comments, the sampling plan has been modified to include collection of soil samples from each excavation sidewall and from the excavation floors at the rate of 1 sample per every 20 linear feet of wall and 1 at each excavation bottom. In addition, the samples will be positively biased towards the worse-case indicators of contamination, as requested.

3.0 Soil Vapor Sampling Plan

Section 5.5 of the original May 4, 2012 Workplan describes the sampling and analytical methods for samples collected from existing and proposed soil vapor probes at the site. Based on ACEH comments, the methods for soil vapor samples collected during future sampling events will be modified to include:

- Laboratory analysis of soil vapor samples by EPA Method TO-15 for analysis of benzene, ethylbenzene, toluene and total xylenes (BTEX), naphthalene, and TVHC (C5-C-11).

- Laboratory analysis of samples by ASTM Method D 1946-90 for atmospheric gases (oxygen, methane, carbon dioxide and nitrogen).

4.0 Additional Remedial Efforts

Section 5.2.7 of the original May 4, 2012, Workplan describes the addition of an oxygen-release compound to former tank pit and lift excavations backfill material. ACEH has recommended against adding the compound on the basis that since the chosen corrective action at the site is high vacuum dual phase extraction (HVDPE), any benefit gained by the addition of the compound would be negated during HVDPE activities.

AEI respectfully disagrees with the recommendation on the basis that the proposed compound is designed to release oxygen slowly and continuously for up to 12-months. We agree that operation of the HVDPE system immediately following oxygen release compound placement would negate some of the benefit of the oxygen-release compound, however; since the anticipated operation of the HVDPE system (if needed at all) would be of limited duration and would not likely occur until deemed necessary by several episodes of quarterly groundwater monitoring, the long term benefits of the addition of the compound would still be realized in the interim. Further, the modest cost associated with adding the compound during the backfilling of the proposed excavations compared with the potential long-term benefit by further accelerating the time to closure, and reducing the likelihood of significantly more aggressive and expensive additional HVDPE, makes the proposed action very appealing.

5.0 Groundwater Monitoring Schedule

Section 5.3 of the original May 4, 2012, Workplan describes the groundwater monitoring program for the site including a schedule of planned sampling dates. The schedule included one year of post-corrective action monitoring. ACEH has requested that the schedule be extended to include up to 2 years of post-corrective action monitoring. In accordance with current regulations, a minimum of one year of monitoring is anticipated. Additional monitoring needs will be reviewed with ACEH during and after the first year. The Revised Groundwater Monitoring Schedule is included as Attachment A.

6.0 Initial Site Conceptual Model

The following section presents an updated preliminary Site Conceptual Model (SCM) of the release occurrence, including a discussion of the physical setting of the site, distribution of contaminants of concern (COCs), potential exposure pathways, and data gaps that may exist in the understanding of the release.

6.1 Geologic Setting and Hydrology

The site is located on Alameda Island along the eastern margin of San Francisco Bay. The near surface sediments of the area are mapped as Holocene and Pleistocene Merritt Sands (Qms) deposits (Helley, et al). Depth to bedrock is estimated at 300 to 800 feet below land surface (Norfleet Consultants, 1998). According to information obtained from the U.S Geological Survey (USGS), the site is located at between 20 and 25 feet above mean sea level (amsl) with the local

topography sloping gently to the northeast. The nearest surface water body is the tidal canal located approximately 1500 to 2000 feet to the northeast.

Based upon recent drilling of soil borings conducted by AEI in 2011 and 2012, groundwater is first observed in borings at depths of approximately 9 to 11 feet bgs and stabilizes at depths between approximately 7.5 to 8.5 feet bgs. The depth to water in the groundwater monitoring wells has generally ranged from approximately 7.5 to 9.5 feet bgs since the wells were installed. Based on the groundwater monitoring conducted at the site, groundwater flows fairly consistently in a northwesterly direction at an approximate hydraulic gradient of $1x10^{-2}$ to $2x10^{-2}$ ft/ft and exists as an unconfined aquifer. Based on the logs of soil borings drilled at the site, sediments across the site are fairly consistent; consisting primarily of poorly graded fine to medium sand with varying clay and silt content. Refer to Figures 3 and 4 for fence diagrams, based on logs of borings at the site, which depict the sediments across the release area.

Groundwater monitoring well construction details for the wells at the site are summarized in Table 1 and a comprehensive summary of depth to water groundwater measurements is included in Table 2. The most recent groundwater surface contour map, including a rose diagram depicting the historic groundwater flow direction and other pertinent site features, is included as Figure 5. Soil boring and well construction logs are included in Attachment B.

6.2 Release Occurrence

The release of TPH-g, BTEX, and other gasoline constituents originated from the former 500 gallon gasoline UST system removed in 1986 from near the northern side of the existing building. The exact cause of the release is not known, though typically such releases occur from failures of the UST itself or the associated piping and pump system. The timing, duration and volume of the oil release are unknown.

The source of the heavier range hydrocarbons detected in samples collected within the former building appear to be from several of the five former hydraulic lifts at the northern end of the building although the former waste oil UST may have contributed to the heavier range petroleum detected as well. Again, the timing, duration and volume of the oil release are unknown.

6.3 Contaminants of Concern

The primary contaminants of concern at the site consist of gasoline range hydrocarbons and oil range hydrocarbons released in the northeastern area of the existing building. The following exhibit presents a summary of the maximum concentrations of the more significant contaminants of concern in soil and groundwater.

Contaminant	Maximum Concentration in Soil			Maximum Concentration in Groundwater		
	mg/kg	Date	Sample ID	µg/l	Date	Sample ID
TPH-g	15,000	10/15/93	EB2-2S	200,000	7/25/11	AEI-4-W
Benzene	84	10/15/93	EB2-2S	21,000	7/25/11	AEI-4-W
Toluene	710	10/15/93	EB2-2S	30,000	7/25/11	AEI-4-W
Ethyl benzene	260	10/15/93	EB2-2S	4,300	5/1/08	GP8W

Contaminant	Maximum Concentration in Soil			Maximum Concentration in Groundwater		
	mg/kg	Date	Sample ID	µg/l	Date	Sample ID
Xylenes	1400	10/15/93	EB2-2S	21,000	5/1/08	GP8W
MTBE	9.3	1/21/97	EB10-S1	110	1/21/97	EB12-WS1
TPH-d	10,000	7/25/11	AEI-6-7'	120,000	7/25/11	AEI-6-W
TPH-mo	24,000	7/25/11	AEI-6-7'	300,000	7/25/11	AEI-6-W

6.4 Soil Contamination

Gasoline impacted soil appears to be centered on the former UST and extends laterally in each direction, primarily to the north-northwest toward Park Street. To the east, south, and east, impacted soil appears to extend approximately 20 to 40 feet from the former UST hold and approximately 100 feet to the north. The lateral extent of gasoline impacted soil is reasonably well defined in each direction (Figure 6). Tables 3 to 5 present a summary of soil sample analytical results.

Oil impacted soil was identified adjacent to several former lifts in the northeastern corner of the existing building. While the lateral extent of oil impacted soil has not been fully defined it is expected to be limited based on the typically low volumes released from such lifts.

The vertical extent of impacted soil has been generally well defined by past investigations. Vertically, the top of the impacted zone begins at approximately 7 to 8 feet bgs and ends between approximately 12 to 14 feet bgs. Figures 3 and 4 show the approximate extent of vertical impacts. The zone of impact appears to be limited to approximately 4 to 8 feet in thickness, which corresponds to just above the water table (capillary fringe) to several feet below the average water table.

6.5 Groundwater Contamination

The dissolved phase plume is also centered on the former UST hold and spreads generally in a northwesterly direction. The extent of the impacts in groundwater have been defined to the south and southeast, as demonstrated by grab groundwater samples collected in January 2012, from borings AEI-24, AEI-25 and AEI-26 and to the east of the former tank pit as demonstrated by grab groundwater samples collected from borings GP3 (April 2008) and AEI-27 in (January 2012) (Tables 6 to 8). Groundwater impacts are also well defined to the northwest as demonstrated by analysis of groundwater samples collected in May 2012, from monitoring wells MW-4 and MW-5 (Table 9).

Grab groundwater samples collected from temporary borings AEI-21, AEI-22 and AEI-23 in January 2012, suggest that the extent of impacts are not completely defined west and southwest of the former UST locations. Additionally, although recent data from monitoring well MW-1 show low concentrations of gasoline range hydrocarbons (Table 9), historic grab groundwater samples collected in April 2008, from GP-1, GP-4, GP-5 and from EB-5 in October 1993, suggest that the significant hydrocarbons in groundwater may exist to the north and northeast of the former UST tank pit.

Based on the above, it appears that the extent of hydrocarbon impacts in groundwater is not defined to the west/southwest or to the north/northeast. These data gaps are addressed in the May 4, 2012, Data Gap Investigation and Interim Source Removal Workplan.

The data show the leading edge of the plume extending under Park Street, but diminishing beyond wells MW-4 and MW-5 (Figure 5). It should be noted that the majority of the groundwater data are from "grab" groundwater samples collected from temporary soil borings, which tend to be biased high relative to true dissolved phase concentration data that would be expected from monitoring wells. Nevertheless the data suggest that soil with petroleum concentrations near saturation levels and the presence of free phase product in and around the release area existed prior to the recent implementation of interim remedial actions. The remedial actions to date were focused on the core of the soil and groundwater plumes and have removed approximately 18,134 pounds of hydrocarbons from the soil and 390,460 gallons of contaminated groundwater. This reduction of contaminant mass in conjunction with the proposed 'hot spot' excavations will reduce the contaminant loading to groundwater beneath the site. Based on groundwater monitoring data, concentrations were reduced after the remedial actions and have generally decreased over the last 10 years. Tables 6 through 9 present of summary of the groundwater analytical data for the site.

6.6 Receptors and Exposure Pathways

Human and environmental exposure pathways refer to the routes by which environmental receptors can be exposed to contaminants. Human receptors include onsite occupants of a property and offsite persons who could be exposed to impacted soils, soil vapor, or groundwater. Environmental receptors include resources such as surface waters or groundwater and the flora and fauna in the area surrounding the site.

Soil exposure pathways include direct contact with impacted soil and leaching of contaminants from soil into groundwater. Recent dual phase extraction activities were intended to remove the highest concentrations of contaminants in soil at the core of the plume. Additional interim remedial action is planned to excavate remaining 'hot spots' at the site, including the removal of soil contained in the former UST pit and beneath the former hydraulic lifts. Once these activities are complete, the soil exposure pathway is expected to be eliminated or reduced to levels that will naturally degrade over time.

Groundwater exposure pathways to humans include direct contact and ingestion of impacted water. Groundwater exposure pathways to environmental receptors include discharge to surface waters. Given the apparent extent of the dissolved phase plume and distance to the nearest surface waters, impact to surface water is not considered a complete pathway. Given the depth to water of over 7 feet bgs the exposure from direct contact with groundwater is not considered to be complete with the possible exception of water wells in the vicinity of the site. A water well survey was conducted in 2011 (AEI, March 30, 2012) which concluded that no water wells exist within 2000 feet of the site that could be impacted by the site groundwater. In addition, a preferential pathway study was conducted in 2011 to determine if underground utility corridors could influence the flow of groundwater in the vicinity of the site (AEI, March 30, 2012). The study found that utilities that lie within the expected extents of the groundwater plume are buried at depths that would not encounter groundwater with the exception of one sanitary sewer line

located near the center of Park Street. Groundwater monitoring data from wells MW-4 and MW-5, located between the utility line and the site, however, suggest that the groundwater plume diminishes before this potential pathway is encountered (Figure 5). Based on the above, the groundwater exposure pathway is not considered complete.

The vapor inhalation (vapor intrusion) exposure pathway for humans is potentially complete where volatile contaminants are present in shallow soils beneath an occupied structure. Recent testing of soil vapor samples, however, showed that no detectable concentrations of contaminants were present in shallow soil vapor. Soil vapor samples were collected from dedicated sampling points installed to a depth of 5 feet bgs near the UST hold and within the core of the groundwater plume. The soil vapor data are summarized in Table 5. Quarterly soil vapor sampling of existing and proposed sampling points has been proposed in the May 4, 2012, Workplan. Mitigation measures will be addressed based on the results of the sampling and, if needed, will be incorporated into the design of the new buildings at the site.

Due to the urbanized nature of the area, exposure to flora and fauna is not relevant and therefore not evaluated.

6.7 Data Gaps

Data gaps are identified based on prior assessments where information is needed to better understand the nature of a release, its fate and transport, or its possible impacts. This addendum addresses comments from the ACEH to the May 4, 2012, Data Gap Investigation and Interim Source Removal Workplan, which was prepared to specifically address the current data gaps. The May 4, 2012, Workplan includes a thorough analysis of the current data gaps at the site and presents a scope of work to attempt fill them.

The data gap analysis presented in the May 4, 2012, Workplan found the following key items:

- The extent of hydrocarbon impacts in groundwater is not defined to the west/southwest, or to the north/northeast.
    - Install additional groundwater monitoring wells.
- Unknown condition of former UST pit fill material and possibility of plastic sheeting which could inhibit remedial efforts.
    - Excavate test-pit to determine backfill condition. (Completed)
- Periodic groundwater monitoring required to ascertain site conditions over time.
    - Initiate a quarterly groundwater monitoring program. (Commenced)
- Soil vapor conditions unknown.
    - Initiate soil vapor investigation and periodic monitoring program. (Commenced)

7.0 References

Alameda County Environmental Health Department (ACEHD), November 4, 2011. *Request for Pilot Test Workplan*

ACEHD, November 23, 2011. *Conditional Approval of Pilot Test Workplan*

ACEHD, April 16, 2012. *Corrective Action Plan*

ACEHD, July 20, 2012. *Directive letter regarding Modified Approval of Data Gap Investigation and Interim Source Removal Work Plan.*

ACEHD, July 31, 2012. *Directive letter regarding Meeting Follow-up and Revised Technical Report Schedule.*

AEI Consultants (AEI), August 16, 2011. *Phase II Subsurface Investigation, 1600 to 1630 Park Street, Alameda, California*

AEI, September 28, 2011. *Interim Corrective Action Plan, 1630 Park Street, Alameda, California*

AEI, November 14, 2011. *ICAP Comment Letter Response and Pilot Test Workplan Details, 1630 Park Street, Alameda, California*

AEI, February 3, 2012. *Corrective Action Plan, 1630 Park Street, Alameda, California*

AEI, March 30, 2012. *Subsurface Investigation and Well Installation Report, 1630 Park Street, Alameda, California*

AEI, April 25, 2012. *Response to April 16, 2012 Comments, 1630 Park Street, Alameda, California*

AEI, May 4, 2012. *Data Gap Investigation and Interim Source Removal Workplan, 1630 Park Street, Alameda, California*

AEI, June 29, 2012. *High Vacuum dual Phase Extraction Pilot Testing and Operation Report, 1630 Park Street, Alameda, California*

AEI, July 25, 2012. *Well Abandonment and Replacement Workplan, 1630 Park Street, Alameda, California*

GeoPlexus Incorporated, October 28, 1993. *Supplemental Site Characterization, Good Chevrolet 1630 Park Street, Alameda, CA*

GeoPlexus Incorporated, April 30, 1997. *Phase II Remedial Investigation Report, Good Chevrolet 1630 Park Street, Alameda, CA*

GeoPlexus Incorporated, December 18, 1998. *Preliminary Remedial Risk Assessment for Good Chevrolet 1630 Park Street, Alameda, CA*

Groundwater Technology, Inc. April 29, 1987. *Report Subsurface investigation Good Chevrolet 1630 Park Street, Alameda, CA*

Helley, E.J. and R.W. Graymer, 1997. *Quaternary Geology of Alameda County and Surrounding Areas, California: Derived from the Digital Database Open-File 97-97, 1997*

Norfleet Consultants, 1998. *Groundwater Study and Water Supply History of the East Bay Plain, Alameda and Contra Costa Counties, California.* Prepared for the Friends of the San Francisco Estuary, P.O. Box 791, Oakland, California, and dated June 15, 1998.

8.0 Report Limitations

This report has been prepared by AEI Consultants relating to the property located at 1630 Park Street, in the City of Alameda, Alameda County, California. This report includes a summary of site conditions and relies heavily on information obtained from public records and other resources; AEI makes no warrantee that the information summarized in this report includes consideration of all possible resources or information available for the site, whether referenced on not. Material samples have been collected and analyzed, and where appropriate conclusions drawn and recommendations made based on these analyses and other observations. This report may not reflect subsurface variations that may exist between sampling points. These variations cannot be fully anticipated, nor could they be entirely accounted for, in spite of exhaustive additional testing. This document should not be regarded as a guarantee that no further contamination, beyond that which could have been detected within the scope of past investigations is present beneath the property or that all contamination present at the site will be identified, treated, or removed. Undocumented, unauthorized releases of hazardous material(s) and petroleum products, the remains of which are not readily identifiable by visual inspection and/or are of different chemical constituents, are difficult and often impossible to detect within the scope of a chemical specific investigation and may or may not become apparent at a later time. This document contains estimates of costs for various activities that could be implemented at the site. These estimates are based on reasonably expected costs for similar activities; however, AEI provides no guarantee implicit or explicit that costs will not be significantly higher or lower than those estimated. All specified work has been performed in accordance with generally accepted practices in environmental engineering, geology, and hydrogeology and performed under the direction of appropriate California registered professionals.

We welcome comments and questions from ACEHD staff. Please contact us (925) 746-6000.

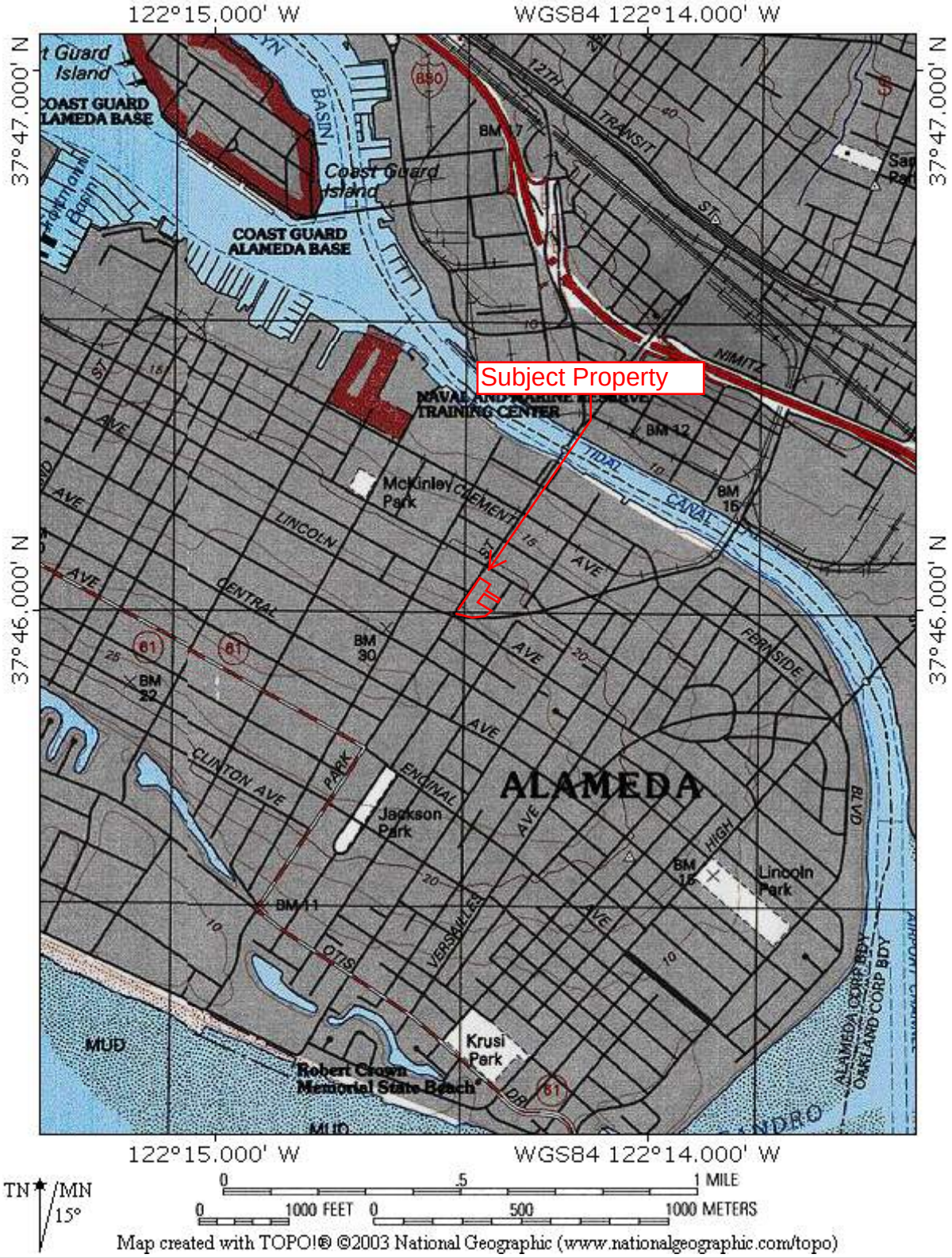
Sincerely,
AEI Consultants

Robert Robitaille
Sr. Project Manager

Peter J. McIntyre, PG
Sr. Vice President, Geologist

Distribution:
John Buestad, Foley Street Investments
Karel Detterman, Alameda County Environmental Health Department (FTP Upload)
GeoTracker (Upload)

FIGURES



SITE LOCATION MAP

1600-1650 Park Street Alameda, California 94501

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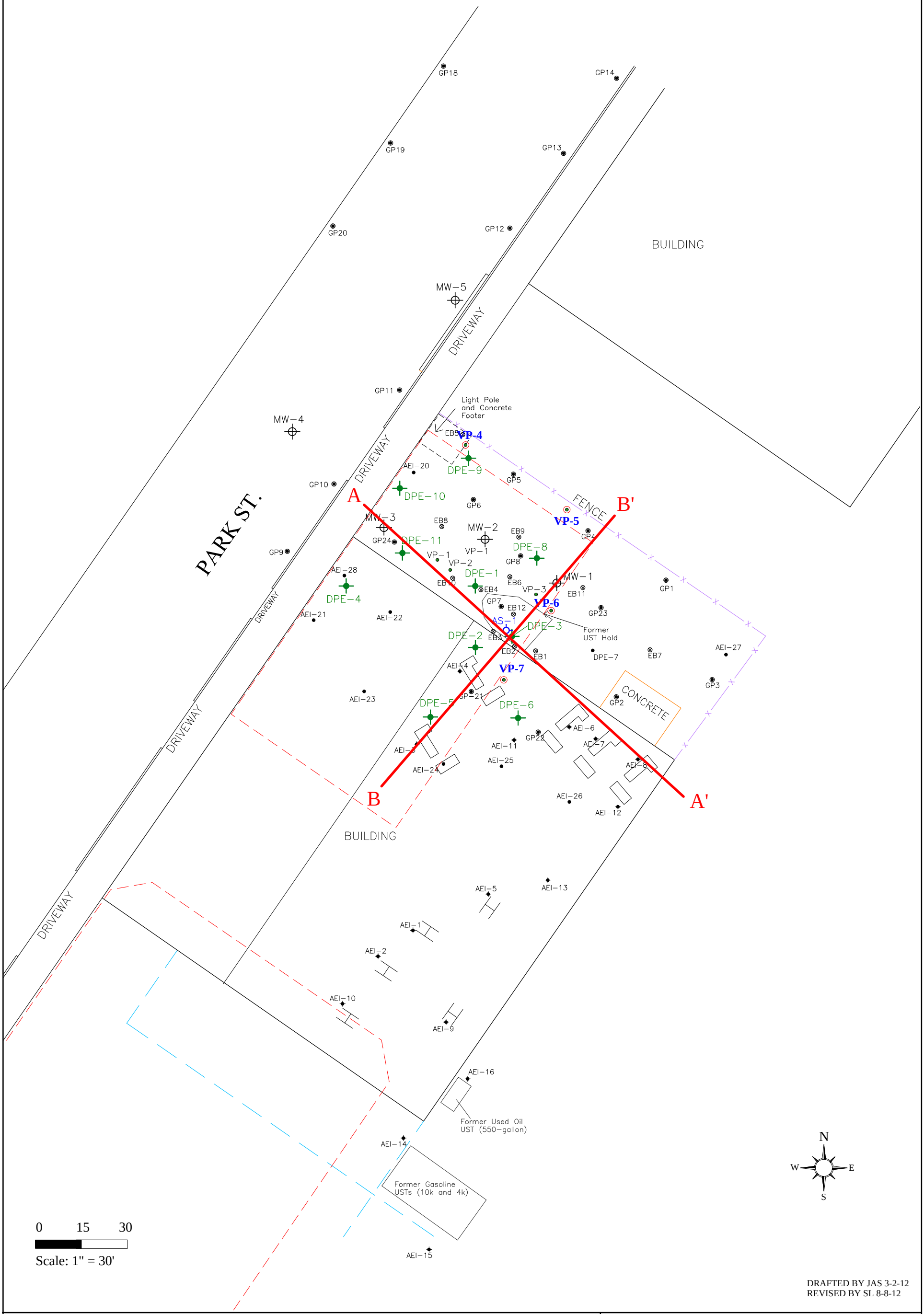
FIGURE 1

Source: USGS

Project Number: 298931

AEI Consultants



DRAFTED BY JAS 3-2-12
REVISED BY SL 8-8-12

LEGEND

- Proposed Building Extents
- Existing Hydraulic Lift
- Former Hydraulic Lift
- Groundwater Monitoring Well
- Remediation Well (12/11 and 1/12)
- AEI Soil Boring (1/12)
- Vapor Probe (12/11)
- AEI Soil Boring (7/11)
- Soil Boring (4/08)
- Soil Boring (1/97)
- Air Sparge Well
- A - A' Cross Section Line

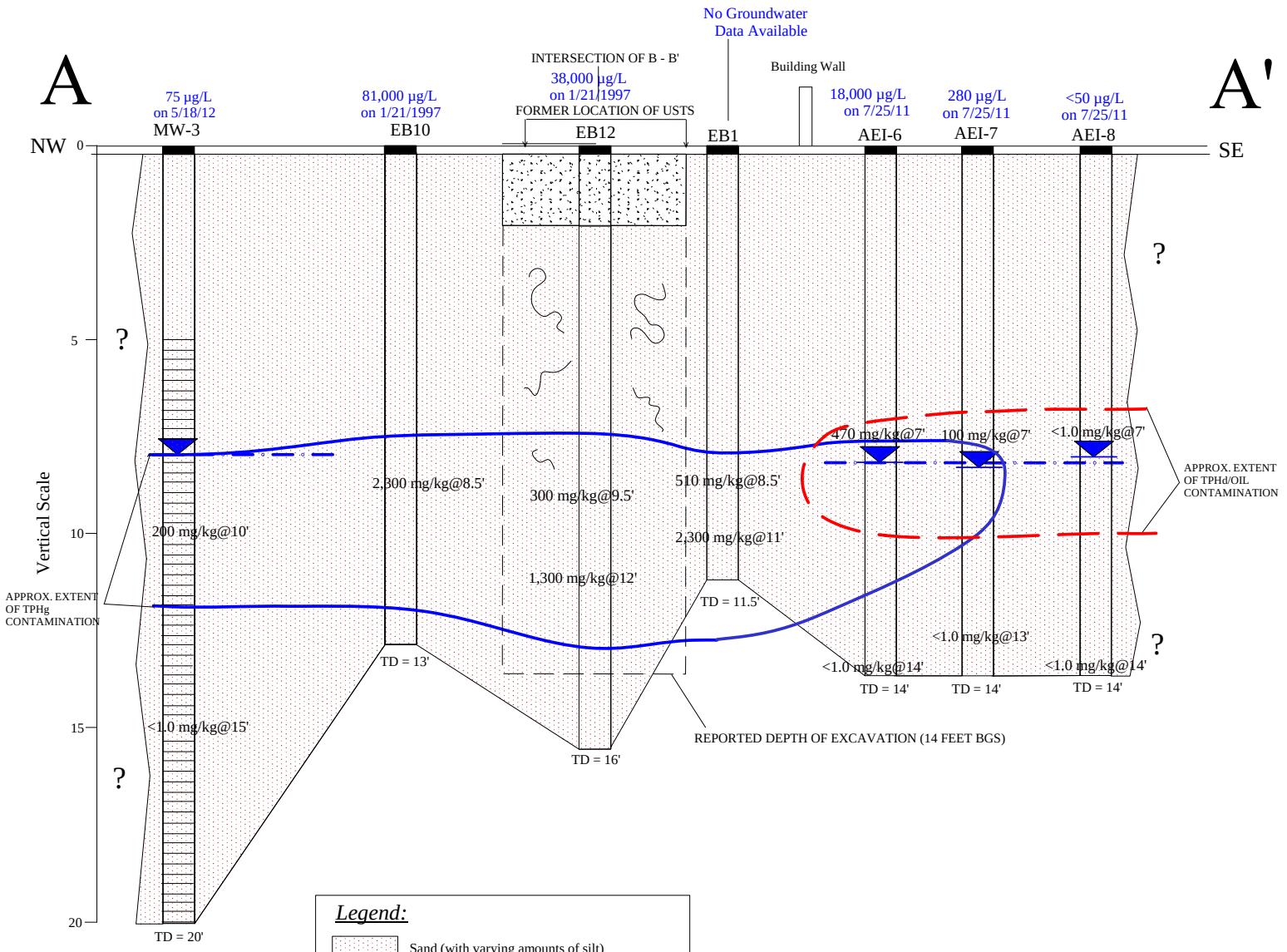
AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

SITE PLAN

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 2
PROJECT NO. 298931



Legend:

- Sand (with varying amounts of silt)
- Sandy Gravel
- Groundwater Level (static)
- Approx. Extent of TPHd/Oil Contamination
- Approx. Extent of TPHg Contamination
- Plastic Debris
- 610 µg/L — TPH-g Concentration in Groundwater

Notes:
Static water levels not reported in "EB" borings
Borings not available for "GP" borings advanced in 2008
TD = Total Depth

* Soil TPHg Data from 1987 to 2011

0 20 40 60 80

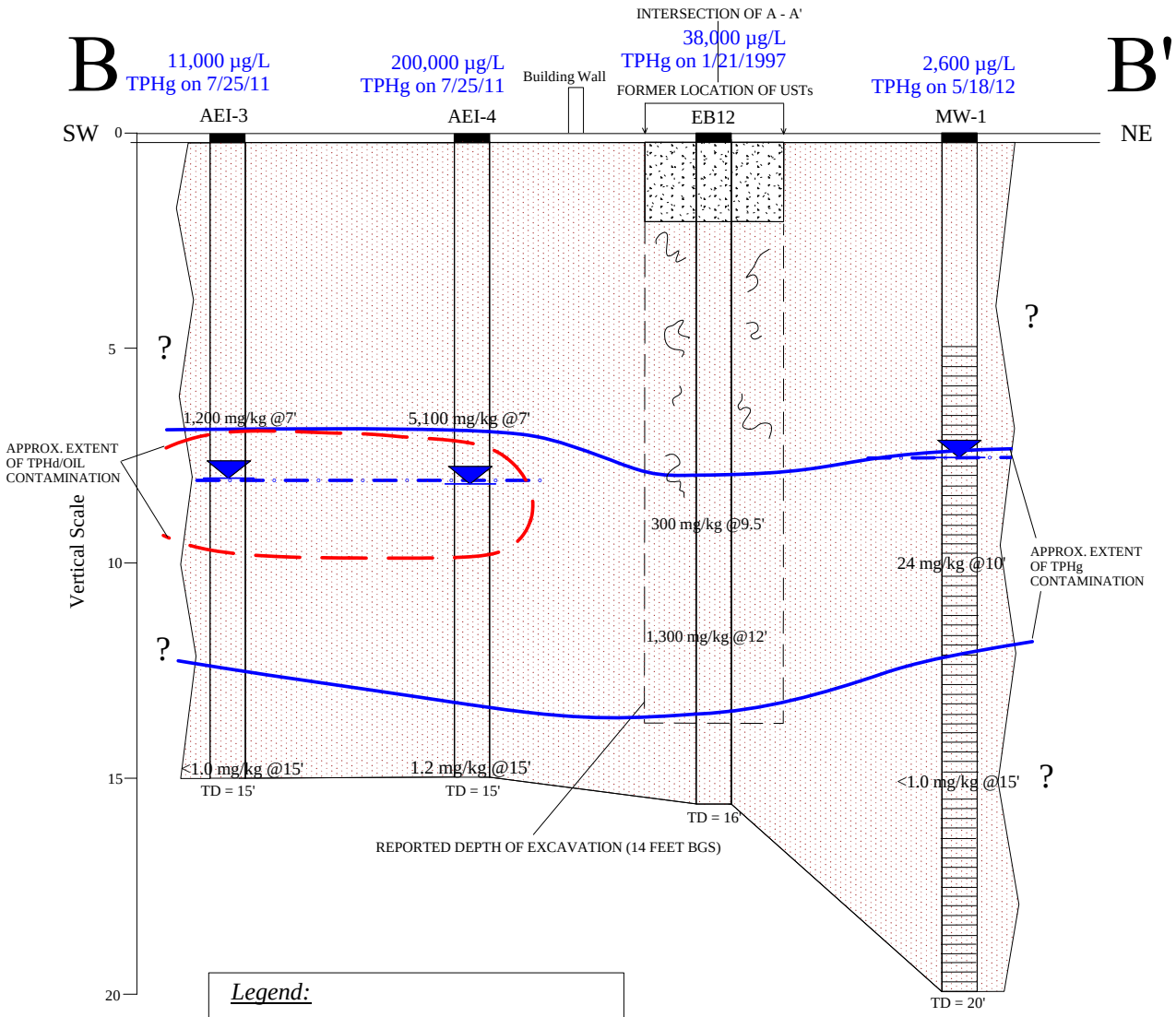
Scale 1" = 20'

AEI CONSULTANTS
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

A - A' Fence Diagram

1630 Park Street
Alameda, CA

Figure 3
PROJECT NO. 298931



Legend:

- Sand (with varying amounts of silt)
- Sandy Gravel
- Groundwater Level (static)
- Approx. Extent of TPHd/Oil Contamination
- Approx. Extent of TPHg Contamination
- Plastic Debris
- 610 µg/L — TPH-g Concentration in Groundwater

Notes:
Static water levels not reported in "EB" borings
Borings not available for "GP" borings advanced in 2008
TD = Total Depth

* Soil TPHg Data from 1987 to 2011

0 15 30 45 60

Scale 1" = 15'

AEI CONSULTANTS
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

B - B' Fence Diagram

1630 Park Street
Alameda, CA

Figure 4
PROJECT NO. 298931

N

W E

S

BUILDING

PARK ST.

DRIVEWAY

DRIVEWAY

DRIVEWAY

FENCE

Former UST Hold

MW–5

*TPHg - 120**
TPHd - ND
TPHmo - ND
B - ND
T - ND
E - ND
X - ND

TPHg - ND
TPHd - ND
TPHmo - ND
B - ND
T - ND
E - ND
X - ND

MW–4

TPHg - 1,700
TPHd - 420
TPHmo - ND
B - 150
T - ND
E - ND
X - 160

TPHg - 140
TPHd - 68
TPHmo - ND
B - 14
T - 2.8
E - 2.9
X - 12

DPE–9

DPE–10

*TPHg - 75**
TPHd - ND
TPHmo - ND
B - 5.3
T - ND
E - ND
X - 1.6

MW–3

MW–2

DPE–11

DPE–8

TPHg - 540
TPHd - 280
TPHmo - ND
B - 49
T - ND
E - ND
X - 17

DPE–1

MW–1

TPHg - ND
TPHd - ND
TPHmo - ND
B - ND
T - ND
E - ND
X - ND

DPE–4

TPHg - 2,600
TPHd - 210
TPHmo - ND
B - 200
T - 51
E - 93
X - 610

AS–1

DPE–3

DPE–2

TPHg - 930
TPHd - 260
TPHmo - ND
B - 6.4
T - 4.6
E - 4.6
X - 160

PE–5

DPE–6

TPHg - 1,100
TPHd - 260
TPHmo - ND
B - 78
T - 37
E - 11
X - 89

TPHg - 220
TPHd - ND
TPHmo - ND
B - 33
T - 3.2
E - ND
X - 30

TPHg - ND
TPHd - ND
TPHmo - ND
B - ND
T - ND
E - ND
X - ND

BUILDING

0 10 20

Scale: 1" = 20'

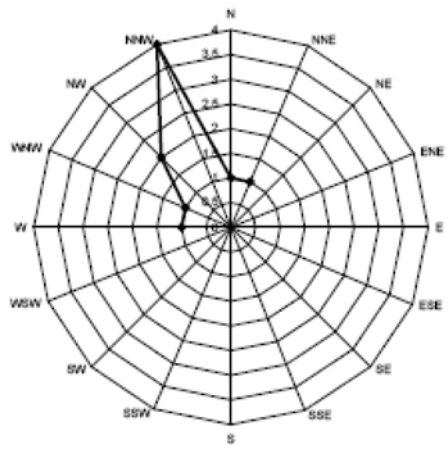
TPHg = Total Petroleum Hydrocarbons as Gasoline
TPHd = Total Petroleum Hydrocarbons as Diesel
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
NA = Not available
All results in micrograms per liter (ppb)

DRAFTED BY JAS 3-9-12
REVISED BY JAS 3-15-12

Historical Shallow Zone Groundwater Flow Direction for Former Good Chevrolet, 1630 Park Street, Alameda, CA

Number of monitoring events in which groundwater was reported to flow in a particular direction.

Groundwater Flow Direction



LEGEND

- Underground Natural Gas Line (3 to 4 feet bgs)
- Underground Water Line (3 feet bgs)
- Underground Electric Line (3 feet bgs)
- Underground Sanitrary Sewer Line (10.3 to 11.3 feet bgs)
- * Isolated non-target peaks identified in TPHg analysis
- Remediation (DPE) Well
- Groundwater Monitoring Well
- AEI Soil Boring

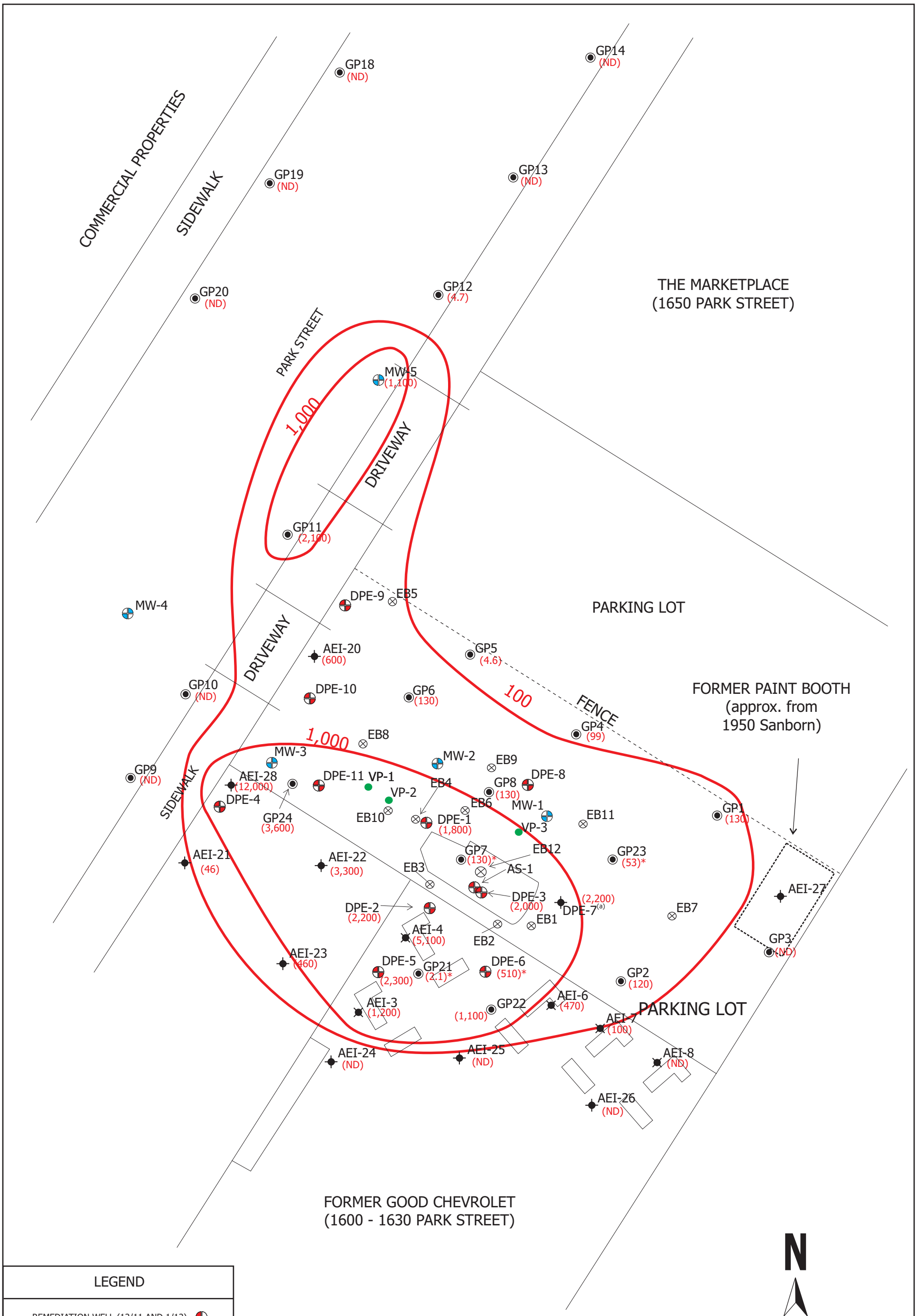
AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

GROUNDWATER ANALYTICAL DATA - MAY 2012

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 5
PROJECT NO. 298931



LEGEND

- REMEDIATION WELL (12/11 AND 1/12)
- AEI SOIL BORING (1/12)
- VAPOR PROBE (12/11)
- AEI SOIL BORING (7/11)
- SOIL BORING (4/08)
- SOIL BORING (1/97)
- GROUNDWATER MONITORING WELL

TPH-G Total Petroleum Hydrocarborns
Data from 2008 to 2012 shown
Maximum concentrations in soil listed in milligrams per kilogram
*Not used for contouring.
BASE MAP MODIFIED FROM: BLYMYER ENGINEERS, INC
(a) Proposed well completed as a boring.

N

0' 20'

APPROX. SCALE: 1 in = ~20 ft

TPH-G IN SOIL

1630 PARK STREET
ALAMEDA, CALIFORNIA

FIGURE 6

JOB NO: 298931

AEI Consultants

TABLES

Table 1

Well Construction Details

AEI Project No. 298931, 1630 Park Street, Alameda, California

Well ID Number	Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
AS-1	11/14/2011	-	PVC	25	25	8	2	20 - 25	0.02	20 - 25	#3 Sand
DPE-1	11/15/2011	25.88	PVC	16	15	10	4	7 - 15	0.01	6.5 - 16	#2/12 Sand
DPE-2	11/15/2011	26.22	PVC	16	15	10	4	7 - 15	0.01	6.5 - 16	#2/12 Sand
DPE-3	11/14/2011	25.27	PVC	16	14	10	4	7 - 14	0.01	6.5 - 16	#2/12 Sand
DPE-4	1/19/2012	26.06	PVC	17	17	10	4	8 - 17	0.01	7.5 - 17	#2/12 Sand
DPE-5	1/20/2012	26.25	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-6	1/20/2012	26.13	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-8	1/20/2012	25.36	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-9	1/20/2012	25.09	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
DPE-10	1/20/2012	25.14	PVC	17	17	10	4	8 - 17	0.01	7.5 - 17	#2/12 Sand
DPE-11	1/20/2012	25.57	PVC	18	18	10	4	8 - 18	0.01	7.5 - 18	#2/12 Sand
MW-1	1/15/1987	25.37	PVC	-	20	8	2	5 - 20	-	-	-
MW-2	1/15/1987	25.48	PVC	-	20	8	2	5 - 20	-	-	-
MW-3	1/15/1987	25.13	PVC	-	20	8	2	5 - 20	-	-	-
MW-4	4/20/1994	25.58	PVC	-	23	8	2	8 - 23	-	-	-
MW-5	4/20/1994	24.31	PVC	-	22	8	2	7 - 22	-	-	-
VP-1	12/6/2011	-	Poly/SS	6	6	1.25	1/4	5.1 - 5.6	Mesh	4.7 - 6	#30 Mesh Sand
VP-2	12/6/2011	-	Poly/SS	5.9	5.9	1.25	1/4	5.1-5.6	Mesh	4.7-5.9	#30 Mesh Sand
VP-3	12/6/2011	-	Poly/SS	5.75	5.75	1.25	1/4	5.1-5.6	Mesh	4.7-5.75	#30 Mesh Sand

PVC = polyvinyl chloride
Poly/SS = Polyethelene tubing with stainless-steel tip
TOC = top of casing
"-" = not available

Table 2

Groundwater Elevation Data

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation *(ft amsl)*	Depth to Water *(ft)*	Groundwater Elevation *(ft amsl)*
MW-1 (5 - 20 feet bgs)	Jul-89	104.76	8.93	95.83
	Apr-91		7.59	97.17
	Jul-92		8.72	96.04
	Aug-92		9.09	95.67
	Sep-92		9.25	95.51
	Oct-92		9.34	95.42
	Nov-92		9.21	95.55
	Dec-92		9.26	95.50
	Jan-93		7.81	96.95
	Feb-93		7.32	97.44
	Mar-93		7.20	97.56
	Apr-93		7.31	97.45
	May-93		8.29	96.47
	Jul-93		8.30	96.46
	Oct-93		9.38	95.38
	Jan-94		8.80	95.96
	Apr-94		8.15	96.61
	Jul-94		8.70	96.06
	Oct-94		9.37	95.39
	Jan-94		7.18	97.58
	Apr-95		6.76	98.00
	Jan-97		7.03	97.73
	Nov-98		8.10	96.66
	Jan-01		7.70	97.06
	Jun-02		7.30	97.46
	Nov-02		8.14	96.62
	Feb-03		6.87	97.89
	Jun-03		7.05	97.71
	Apr-08	25.42	7.13	18.29
	Jun-11	25.42	7.54	17.88
	Dec-11	25.37	8.02	17.35
	Jan-12	25.37	8.08	17.29
	May-12	25.37	6.87	18.50
MW-2 (5 - 20 feet bgs)	Jul-89	104.86	9.24	95.62
	Apr-91		8.01	96.85
	Jul-92		9.03	95.83
	Aug-92		9.34	95.52
	Sep-92		9.46	95.40
	Oct-92		9.52	95.34
	Nov-92		9.42	95.44
	Dec-92		9.47	95.39
	Jan-93		8.25	96.61
	Feb-93		7.85	97.01
	Mar-93		7.77	97.09
	Apr-93		7.86	97.00
	May-93		8.20	96.66
	Jul-93		8.72	96.14
	Oct-93		9.64	95.22
	Jan-94		9.12	95.74
	Apr-94		8.56	96.30
	Jul-94		9.02	95.84
	Oct-94		9.59	95.27
	Jan-94		7.71	97.15
	Apr-95		7.40	97.46

Table 2

Groundwater Elevation Data

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation *(ft amsl)*	Depth to Water *(ft)*	Groundwater Elevation *(ft amsl)*
MW-2 (continued)	Jan-97		7.55	97.31
	Nov-98		8.49	96.37
	Jan-01		8.08	96.78
	Jun-02		7.77	97.09
	Nov-02		8.50	96.36
	Feb-03		7.38	97.48
	Jun-03		7.57	97.29
	Apr-08	25.52	7.67	17.85
	Jun-11	25.52	7.35	18.17
	Dec-11	25.48	8.41	17.07
	Jan-12	25.48	8.43	17.05
	May-12	25.48	7.41	18.07
MW-3 (5 - 20 feet bgs)	Jul-89	104.52	9.00	95.52
	Apr-91		8.06	96.46
	Jul-92		8.82	95.70
	Aug-92		9.05	95.47
	Sep-92		9.09	95.43
	Oct-92		9.15	95.37
	Nov-92		9.05	95.47
	Dec-92		9.12	95.40
	Jan-93		8.18	96.34
	Feb-93		7.98	96.54
	Mar-93		7.94	96.58
	Apr-93		8.02	96.50
	May-93		7.69	96.83
	Jul-93		8.65	95.87
	Oct-93		9.32	NC
	Jan-94		8.93	NC
	Apr-94		8.52	96.00
	Jul-94		8.86	95.66
	Oct-94		9.25	95.27
	Jan-94		7.85	96.67
	Apr-95		7.64	96.88
	Jan-97		7.75	96.77
	Nov-98		8.38	96.14
	Jan-01		8.00	96.52
	Jun-02		7.81	96.71
	Nov-02		8.37	96.15
	Feb-03		7.48	97.04
	Jun-03		7.67	96.85
	Apr-08	25.17	7.74	17.43
	Jun-11	25.17	7.50	17.67
	Dec-11	25.13	8.25	16.88
	Jan-12	25.13	8.25	16.88
	May-12	25.13	7.64	17.49
MW-4 (8 - 23 feet bgs)	Apr-94	104.86	9.29	95.57
	Jul-94		9.55	95.31
	Oct-94		9.83	95.03
	Jan-94		8.88	95.98
	Apr-95		8.80	96.06
	Jan-97		-	-
	Nov-98		-	-
	Jan-01		-	-
	Jun-02		-	-
	Nov-02		-	-

Table 2

Groundwater Elevation Data

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation *(ft amsl)*	Depth to Water *(ft)*	Groundwater Elevation *(ft amsl)*
MW-4 (continued)	Feb-03		-	-
	Jun-03		-	-
	Apr-08	25.53	8.73	16.80
	Jun-11	25.53	8.52	17.01
	Dec-11	25.58	-	-
	Jan-12	25.58	-	-
	May-12	25.58	8.96	16.62
MW-5	Apr-94	103.62	8.27	95.35
(7 - 22 feet bgs)	Jul-94		8.50	95.12
	Oct-94		8.92	94.70
	Jan-94		7.61	96.01
	Apr-95		8.48	95.14
	Jan-97		6.79	96.83
	Nov-98		8.12	95.50
	Jan-01		7.67	95.95
	Jun-02		7.61	96.01
	Nov-02		8.01	95.61
	Feb-03		7.22	96.40
	Jun-03		7.43	96.19
	Apr-08	24.31	7.36	16.95
	Jun-11	24.31	7.43	16.88
	Dec-11	24.32	-	-
	Jan-12	24.32	-	-
	May-12	24.31	7.46	16.86
DPE-1	Dec-11	25.88	8.81	17.07
(7 - 15 feet bgs)	Jan-12	25.88	8.78	17.10
	May-12	25.88	7.72	18.16
DPE-2	Dec-11	26.22	9.29	16.93
(7 - 15 feet bgs)	Jan-12	26.22	7.97	18.25
	May-12	26.22	7.89	18.33
DPE-3	Dec-11	25.27	7.92	17.35
(7 - 15 feet bgs)	Jan-12	25.27	8.98	16.29
	May-12	25.27	6.75	18.52
DPE-4	Jan-12	26.06	9.11	16.95
(8-17 feet bgs)	May-12	26.06	8.59	17.47
DPE-5	Jan-12	26.25	-	-
(8-18 feet bgs)				
DPE-6	Jan-12	26.13	8.58	17.55
(8-18 feet bgs)	May-12	26.13	7.43	18.70
DPE-8	Jan-12	25.36	-	-
(8-18 feet bgs)				
DPE-9	Jan-12	25.09	8.12	16.97
(8-18 feet bgs)				
DPE-10	Jan-12	25.14	-	-
(8-17 feet bgs)	May-12	25.14	7.73	17.41
DPE-11	Jan-12	25.57	-	-
(8-18 feet bgs)	May-12	25.57	7.90	17.67

ft amsl = feet above mean sea level

Table 2

Groundwater Elevation Data

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Well ID (Screen Interval)	Date Collected	Well Elevation *(ft amsl)*	Depth to Water *(ft)*	Groundwater Elevation *(ft amsl)*

All water level depths are measured from the top of casing
"-" = not measured
bgs = below ground surface

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
MW-1-10	1/15/1987	10	24	-	-	-	2.9	3.6	-	1.8	-
MW-1-15	1/15/1987	15	<1.0	-	-	-	<0.1	<0.1	-	<0.1	-
MW-2-5	1/15/1987	5	<1.0	-	-	-	<0.1	<0.1	-	<0.1	-
MW-2-10	1/15/1987	10	350	-	-	-	14	22	-	23	-
MW-3-10	1/15/1987	10	200	-	-	-	9.8	16	-	16	-
MW-3-15	1/15/1987	15	<1.0	-	-	-	<0.1	<0.1	-	<0.1	-
SB-5-10	1/15/1987	10	6.5	-	-	-	<0.1	0.22	-	<0.1	-
EB1-S2	10/15/1993	8.5	510	-	-	-	0.89	10	5.8	41	-
EB1-S3	10/15/1993	11	2,300	-	-	-	22	190	57	280	-
EB2-2S	10/15/1993	10	15,000	-	-	-	84	710	260	1,400	-
EB2-S3	10/15/1993	11.5	200	-	-	-	4.3	15	3.9	20	-
EB3-S2	10/15/1993	10	2,200	-	-	-	9.4	71	42	200	-
EB3-S3	10/15/1993	12.5	610	-	-	-	1.2	3.2	4.5	2.9	-
EB4-S2	10/15/1993	8	4,900	-	-	-	32	230	84	440	-
EB4-S3	10/15/1993	10.5	7,600	-	-	-	60	390	130	630	-
EB5-S2	10/15/1993	9	1,800	-	-	-	<2.5	22	27	140	-
EB5-S3	10/15/1993	11.5	14	-	-	-	0.021	1.5	0.49	2.5	-
EB6-S2	10/15/1993	8.5	6,800	-	-	-	20	230	100	590	-
EB7-S2	10/15/1993	6.5	<50	-	-	-	<0.5	<0.5	<0.5	<0.5	-
EB7-S3	10/15/1993	8.5	1,000	-	-	-	3.8	45	21	110	-
MW4-S1	4/20/1994	4.5	<50	-	-	-	<0.5	<0.5	<0.5	0.013	-
MW4-S2	4/20/1994	9	9.7	-	-	-	1.1	0.82	0.42	1.3	-
MW4-S3	4/20/1994	14	<50	-	-	-	<0.5	0.008	<0.5	0.022	-
MW5-S1	4/20/1994	4.5	<50	-	-	-	<0.5	<0.5	<0.5	<0.5	-
MW5-S2	4/20/1994	9	1,100	-	-	-	12	43	20	93	-
MW5-S3	4/20/1994	14	1.1	-	-	-	0.033	0.17	0.044	0.22	-
EB8-S2	1/21/1997	9.5	2,000	-	-	<4	8.4	83	44	210	-
EB8-S3	1/21/1997	13.5	18	-	-	0.10	3.2	1.2	0.47	1.7	-
EB9-S1	1/21/1997	6.5	1.8	-	-	<5	0.071	0.052	0.026	0.074	-
EB9-S2	1/21/1997	9.5	1,300	-	-	<4	7.1	54	29	130	-
EB10-S1	1/21/1997	8.5	2,300	-	-	9.3	9.1	100	50	190	-

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
EB11-S1	1/21/1997	9.5	3,800	-	-	<9	8.8	190	97	510	-
EB11-S2	1/21/1997	12	13	-	-	<0.1	1.1	1.6	0.47	1.4	-
EB12-S1	1/21/1997	9.5	300	-	-	<0.6	0.95	0.59	3.5	18	-
EB12-S2	1/21/1997	12	1,300	-	-	6.2	9.4	23	35	130	-
GP1-11.5	4/29/2008	11.5	130	-	-	<0.005	<0.10	0.29	<0.10	0.42	-
GP1-15	4/29/2008	15	<1.0	-	-	<0.005	<0.005	0.0081	0.0065	0.028	-
GP2-11	4/29/2008	11	120	-	-	<0.010	<0.050	0.87	0.43	1.2	-
GP2-13.5	4/29/2008	13.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP3-6.75	4/29/2008	6.75	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP3-11.5	4/29/2008	11.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP4-11.5	4/29/2008	11.5	2.7	-	-	<0.005	0.14	0.052	0.072	0.17	-
GP4-14.5	4/29/2008	14.5	99	-	-	<0.020	0.48	1.4	1.0	4.5	-
GP5-11.5	4/29/2008	11.5	4.6	-	-	<0.005	0.12	0.078	0.14	0.48	-
GP5-19	4/29/2008	19	1.5	-	-	<0.005	<0.005	0.022	0.0069	0.032	-
GP6-11	4/29/2008	11	130	-	-	<0.10	0.11	1.0	1.1	5.4	-
GP7-8	4/30/2008	8	390	-	-	<0.050	0.84	2.2	4.3	18	-
GP7-19.5	4/30/2008	19.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP8-8.5	5/1/2008	8.5	1,100	-	-	<0.050	<0.10	3.2	7.3	45	-
GP8-19.5	5/1/2008	19.5	5.8	-	-	<0.005	0.0091	0.067	0.048	0.21	-
GP9-7.5	5/1/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP9-11.25	5/1/2008	11.25	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP10-7.5	4/30/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP10-19.5	4/30/2008	19.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP11-6	4/30/2008	6	<1.0	-	-	<0.005	<0.005	0.011	0.0053	0.026	-
GP11-15.5	4/30/2008	15.5	2,100	-	-	<0.10	5.7	71	38	180	-
GP11-18	4/30/2008	18	87	-	-	<0.020	0.059	0.93	0.67	4.2	-
GP12-7.5	4/30/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP12-11	4/30/2008	11	4.7	-	-	<0.005	0.015	0.21	0.067	0.32	-
GP12-15.5	4/30/2008	15.5	<1.0	-	-	<0.005	<0.005	0.0071	0.0051	0.025	-
GP13-7.25	4/30/2008	7.25	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP13-11	4/30/2008	11	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP13-14	4/30/2008	14	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP14-7.5	4/30/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
GP14-11	4/30/2008	11	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP15-7.5	4/30/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP16-7.5	5/1/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP16-10.5	5/1/2008	10.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP17-7.5	5/1/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP17-11.5	5/1/2008	11.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP18-7.5	5/1/2008	7.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP18-10	5/1/2008	10	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP19-7	5/1/2008	7	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP20-8	5/1/2008	8	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP21-7.5	5/2/2008	7.5	2.1	-	-	<0.005	0.006	0.028	0.012	0.065	-
GP21-15.5	5/2/2008	15.5	<1.0	-	-	<0.005	0.0064	0.022	0.0057	0.027	-
GP21-19.5	5/2/2008	19.5	<1.0	-	-	<0.005	<0.005	0.0092	<0.005	0.023	-
GP22-10.5	5/2/2008	10.5	1,100	-	-	<0.20	0.67	13	15	70	-
GP22-15.5	5/2/2008	15.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
GP23-7.5	5/2/2008	7.5	53	-	-	<0.005	<0.050	0.13	<0.050	0.37	-
GP23-11.5	5/2/2008	11.5	1.9	-	-	<0.005	0.062	0.041	0.043	0.18	-
GP23-16	5/2/2008	16	2	-	-	<0.005	<0.005	0.027	0.018	0.099	-
GP24-8.5	5/2/2008	8.5	3,600	-	-	<1.0	1.2	32	62	410	-
GP24-19.5	5/2/2008	19.5	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	-
AEI-3-7'	7/25/2011	7	1,200	1,700	4,000	<10	2.6	25	10	48	-
AEI-3-15'	7/25/2011	15	<1.0	1.6	<5.0	<10	<0.005	<0.005	<0.005	<0.005	-
AEI-4-7'	7/25/2011	7	5,100	2,100	710	<50	6.2	83.0	54.0	280.0	-
AEI-4-15'	7/25/2011	15	1.2	1.3	<5.0	<0.05	0.029	0.071	0.031	0.17	-
AEI-6-7'	7/25/2011	7	470	10,000	24,000	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-6-14'	7/25/2011	14	<1.0	1.4	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-7-7'	7/25/2011	7	100	6,300	14,000	-	-	-	-	-	-
AEI-7-13'	7/25/2011	13	<1.0	3.7	7.4	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-8-7'	7/25/2011	7	<1.0	720	2,900	-	-	-	-	-	-
AEI-8-14'	7/25/2011	14	<1.0	<1.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	-
AEI-10-8'	7/26/2011	8	<1.0	1.2	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	-

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg)
						EPA Method SW8021B/8015B/m					EPA Method SM5520E/F
AEI-11-3'	7/26/2011	3	<1.0	2.2	8.5	-	-	-	-	-	-
AEI-12-3'	7/26/2011	3	<1.0	2.6	<5.0	-	-	-	-	-	-
AEI-13-3'	7/26/2011	3	<1.0	4.2	<5.0	-	-	-	-	-	-
AEI-14-7'	7/26/2011	7	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-15-7'	7/26/2011	7	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-16-7'	7/26/2011	7	<1.0	1.4	<5.0	-				-	<50
AEI-17-8'	7/26/2011	8	<1.0	1.1	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-18-8'	7/26/2011	8	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-19-8'	7/26/2011	8	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-20-7.5'	1/17/2012	7.5	8.4	-	-	<0.05	0.0071	0.084	0.069	0.38	-
AEI-20-11'	1/17/2012	11	600	-	-	<0.50	0.89	2.9	10	39	-
AEI-20-15'	1/17/2012	15	3.3	-	-	<0.05	<0.005	0.028	<0.005	0.017	-
AEI-21-7'	1/17/2012	7	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-21-11'	1/17/2012	11	46	-	-	<0.05	0.020	0.42	0.27	0.60	-
AEI-21-14'	1/17/2012	14	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-22-9'	1/17/2012	9	3,100	-	-	<0.05	3.2	46	62	400	-
AEI-22-11'	1/17/2012	11	8.6	-	-	<0.10	0.71	0.77	0.31	1.3	-
AEI-22-14'	1/17/2012	14	3,300	-	-	<0.05	8.3	84	61	370	-
AEI-23-6'	1/17/2012	6	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-23-9.5'	1/17/2012	9.5	7.5	100	180	<0.05	<0.005	0.027	<0.005	0.0055	-
AEI-23-12.5'	1/17/2012	12.5	460	360	270	<5.0	<0.50	1.4	<0.50	0.80	-
AEI-24-7'	1/17/2012	7	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-24-10.5'	1/17/2012	10.5	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-24-13'	1/17/2012	13	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-25-7.5'	1/17/2012	7.5	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-25-10'	1/17/2012	10	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-25-14'	1/17/2012	14	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-26-7.5'	1/17/2012	7.5	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-26-10.5'	1/17/2012	10.5	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-26-14'	1/17/2012	14	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-27-3'	1/17/2012	3	<1.0	3.2	7.9	<0.05	<0.005	<0.005	<0.005	0.013	-

Table 3

Soil Sample Analytical Data
TPH, MBTEX and POG
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	TPH-g (mg/kg)	TPH-d* (mg/kg)	TPH-mo* (mg/kg)	MTBE (mg/kg) EPA Method SW8021B/8015B/m	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	POG (mg/kg) EPA Method SM5520E/F
AEI-28-7'	1/17/2012	7	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-28-11'	1/17/2012	11	12,000	2,100	44	<10	21	210	210	1,000	-
AEI-28-13'	1/17/2012	13	7.8	2.0	<5.0	<0.05	0.050	0.29	0.31	1.4	-
DPE-1, 7-7.5'	11/15/2011	7	1,800	330	46	<50	9.7	64	29	150	-
DPE-2, 8-8.5'	11/15/2011	8	2,200	280	140	<15	7.6	57	34	170	-
DPE-3, 8-8.5'	11/14/2011	8	2,000	1,000	58	<50	6.7	48	47	240	-
DPE-5, 11'	1/20/2012	11	2,300	-	-	<10	15	99	33	140	-
DPE-5, 14'	1/20/2012	14	1.1	-	-	<0.05	<0.005	0.17	<0.005	0.016	-
DPE-6, 10'	1/20/2012	10	510	-	-	<1.0	<0.10	0.14	0.47	0.96	-
DPE-6, 14'	1/20/2012	14	<1.0	-	-	<0.05	<0.005	<0.005	<0.005	<0.005	-
DPE-7, 10'	1/19/2012	10	2,200	-	-	<5.0	<5.0	16	47	240	-
DPE-7, 14.5'	1/19/2012	14.5	610	-	-	<5.0	<5.0	3.9	9.5	55	-

mg/kg = milligrams per kilogram (equivalent to parts per million)
MDL = method detection limit
TPH = total petroleum hydrocarbons
TPH-g = TPH as gasoline
TPH-d = TPH as diesel
TPH-mo = TPH as motor oil
POG = petroleum oil and grease
MTBE = methyl butyl tertiary ethyl
"<" = less than
"*" = with silica gel cleanup
"-" = not available

Table 4

Soil Sample Analytical Data
VOCs, Fuel Oxygenates, SVOCs, and PCBs
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	1,4-Dioxane (mg/kg) EPA Method SW8260	All target VOCs (mg/kg) EPA Method SW8260	Fuel Oxygenates^ (mg/kg) EPA Method SW8260B	All target SVOCs (mg/kg) EPA Method 8270	All other target PCBs (mg/kg) EPA Method SW8082
GP1-11.5	4/29/2008	11.5	-	-	<MDL	-	-
GP1-15	4/29/2008	15	-	-	<MDL	-	-
GP2-11	4/29/2008	11	-	-	<MDL	-	-
GP2-13.5	4/29/2008	13.5	-	-	<MDL	-	-
GP3-6.75	4/29/2008	6.75	-	-	<MDL	-	-
GP3-11.5	4/29/2008	11.5	-	-	<MDL	-	-
GP4-11.5	4/29/2008	11.5	-	-	<MDL	-	-
GP4-14.5	4/29/2008	14.5	-	-	<MDL	-	-
GP5-11.5	4/29/2008	11.5	-	-	<MDL	-	-
GP5-19	4/29/2008	19	-	-	<MDL	-	-
GP6-11	4/29/2008	11	-	-	<MDL	-	-
GP7-8	4/30/2008	8	-	-	<MDL	-	-
GP7-19.5	4/30/2008	19.5	-	-	<MDL	-	-
GP8-8.5	5/1/2008	8.5	-	-	<MDL	-	-
GP8-19.5	5/1/2008	19.5	-	-	<MDL	-	-
GP9-7.5	5/1/2008	7.5	-	-	<MDL	-	-
GP9-11.25	5/1/2008	11.25	-	-	<MDL	-	-
GP10-7.5	4/30/2008	7.5	-	-	<MDL	-	-
GP10-19.5	4/30/2008	19.5	-	-	<MDL	-	-
GP11-6	4/30/2008	6	-	-	<MDL	-	-
GP11-15.5	4/30/2008	15.5	-	-	<MDL	-	-
GP11-18	4/30/2008	18	-	-	<MDL	-	-
GP12-7.5	4/30/2008	7.5	-	-	<MDL	-	-
GP12-11	4/30/2008	11	-	-	<MDL	-	-
GP12-15.5	4/30/2008	15.5	-	-	<MDL	-	-
GP13-7.25	4/30/2008	7.25	-	-	<MDL	-	-
GP13-11	4/30/2008	11	-	-	<MDL	-	-
GP13-14	4/30/2008	14	-	-	<MDL	-	-
GP14-7.5	4/30/2008	7.5	-	-	<MDL	-	-
GP14-11	4/30/2008	11	-	-	<MDL	-	-
GP15-7.5	4/30/2008	7.5	-	-	<MDL	-	-
GP16-7.5	5/1/2008	7.5	-	-	<MDL	-	-
GP16-10.5	5/1/2008	10.5	-	-	<MDL	-	-
GP17-7.5	5/1/2008	7.5	-	-	<MDL	-	-
GP17-11.5	5/1/2008	11.5	-	-	<MDL	-	-

Table 4

Soil Sample Analytical Data
VOCs, Fuel Oxygenates, SVOCs, and PCBs
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	1,4-Dioxane (mg/kg) EPA Method SW8260	All target VOCs (mg/kg) EPA Method SW8260	Fuel Oxygenates^ (mg/kg) EPA Method SW8260B	All target SVOCs (mg/kg) EPA Method 8270	All other target PCBs (mg/kg) EPA Method SW8082
GP18-7.5	5/1/2008	7.5	-	-	<MDL	-	-
GP18-10	5/1/2008	10	-	-	<MDL	-	-
GP19-7	5/1/2008	7	-	-	<MDL	-	-
GP20-8	5/1/2008	8	-	-	<MDL	-	-
GP21-7.5	5/2/2008	7.5	-	-	<MDL	-	-
GP21-15.5	5/2/2008	15.5	-	-	<MDL	-	-
GP21-19.5	5/2/2008	19.5	-	-	<MDL	-	-
GP22-10.5	5/2/2008	10.5	-	-	<MDL	-	-
GP22-15.5	5/2/2008	15.5	-	-	<MDL	-	-
GP23-7.5	5/2/2008	7.5	-	-	<MDL	-	-
GP23-11.5	5/2/2008	11.5	-	-	<MDL	-	-
GP23-16	5/2/2008	16	-	-	<MDL	-	-
GP24-8.5	5/2/2008	8.5	-	-	<MDL	-	-
GP24-19.5	5/2/2008	19.5	-	-	<MDL	-	-
AEI-3-10'	7/25/2011	10	-	-	-	-	<1.0
AEI-4-10'	7/25/2011	10	-	-	-	-	<0.25
AEI-6-10'	7/25/2011	10	-	-	-	-	<0.05
AEI-7-11'	7/25/2011	11	-	-	-	-	<0.50
AEI-8-11'	7/25/2011	11	-	-	-	-	<0.05
AEI-11-3'	7/26/2011	3	-	<MDL	-	-	-
AEI-12-3'	7/26/2011	3	-	<MDL	-	-	-
AEI-13-3'	7/26/2011	3	-	<MDL	-	-	-
AEI-14-7'	7/26/2011	7	-	-	<MDL	-	-
AEI-15-7'	7/26/2011	7	-	-	<MDL	-	-
AEI-16-7'	7/26/2011	7	<0.02	<MDL	<MDL	<MDL	<0.05
AEI-27-3'	1/17/2012	3	-	<MDL	-	-	-

mg/kg = milligrams per kilogram (equivalent to parts per million)
MDL = method detection limit
VOCs = volatile organic compounds
SVOCs = semi-volatile organic compounds
PCBs = polychlorinated biphenyls
"<" = less than
"-" = not available
"^" = fuel oxygenates tert-amyl methyl ether (TAME), t-butyl alcohol (TBA), 1,2-dibromomethane (EDB), 1,2-dichloroethane (1,2-DCA), diisopropyl ether (DIPE), methanol, ethanol, ethyl tert-butyl ether (ETBE), methyl tert-butyl ether (MTBE), and 1,2-Dichloroethane (EDC)

Table 5
Soil Sample Analytical Data
Metals
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Approx. Depth (feet)	Cd mg/kg	Cr (total)* mg/kg	Pb mg/kg	Ni mg/kg	Zn mg/kg
					EPA Method SW6010B		
AEI-11-3'	7/26/2011	3	<1.5	60	<5.0	24	16
AEI-12-3'	7/26/2011	3	<1.5	31	<5.0	15	10
AEI-13-3'	7/26/2011	3	<1.5	29	<5.0	14	9.7
AEI-14-7'	7/26/2011	7	-	-	<5.0	-	-
AEI-15-7'	7/26/2011	7	-	-	<5.0	-	-
AEI-16-7'	7/26/2011	7	<1.5	54	<5.0	48	27
AEI-17-8'	7/26/2011	8	-	-	<5.0	-	-
AEI-18-8'	7/26/2011	8	-	-	<5.0	-	-
AEI-19-8'	7/26/2011	8	-	-	<5.0	-	-
*AEI-27-3'	1/17/2012	3	<0.25	38	140	17	140

Notes:
mg/kg = milligrams per kilogram
"-" = not available
Cd = Cadmium
Cr = Chromium
Pb = Lead
Ni = Nickel
Zn = Zinc
*AEI-27-3' = Antimony - 1.2 mg/kg, Arsenic - 4.0 mg/kg, Barium - 130 mg/kg, Cobalt - 3.7 mg/kg, Copper - 18 mg/kg, Mercury - 0.32 mg/kg and Vanadium - 28 mg/kg by CAM 17 EPA Method SW3050B.

Table 6

Groundwater Analytical Data - Grab Samples
TPH, MBTEX and TRPH
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TRPH (µg/L)
					EPA Method SW8021B/8015Bm					EPA Method E418.1
HP-1	4/23/1993	<50	-	-	-	<0.5	<0.5	<0.5	<0.5	-
HP-2	4/23/1993	<50	-	-	-	<0.5	<0.5	<0.5	<0.5	-
EB3-WSIA	10/15/1993	120,000	-	-	-	9,600	20,000	3,400	14,000	-
EB5-WSIA	10/15/1993	83,000	-	-	-	3,900	15,000	3,100	13,000	-
EB8-WS1	1/21/1997	25,000	-	-	<80	2,600	3,200	780	3,600	-
EB10-WS1	1/21/1997	81,000	-	-	<370	13,000	12,000	3,300	8,000	-
EB11-WS1	1/21/1997	49,000	-	-	<180	6,900	6,000	2,100	4,600	-
EB12-WS1	1/21/1997	38,000	-	-	110	1,400	1,400	1,800	7,400	-
P1-WS1	1/21/1997	74,000	-	-	<78	1,100	5,800	3,800	18,000	-
P2-WS1	1/21/1997	6,800	-	-	<10	2,200	290	310	560	-
P3-WS1	1/21/1997	220	-	-	<5.0	1.9	17	10	49	-
GP1W	4/29/2008	70,000	-	-	<500	6,800	6,600	2,300	12,000	-
GP2W	4/29/2008	910	-	-	<5.0	0.69	2.9	30	64	-
GP3W	4/29/2008	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
GP4W	4/29/2008	46,000	-	-	<500	570	3,200	1,500	7,500	-
GP5W	4/29/2008	12,000	-	-	<60	140	480	270	1,100	-
GP6W	4/29/2008	22,000	-	-	<170	920	1,600	900	3,500	-
GP7W	4/30/2008	22,000	-	-	<180	2,600	320	810	2,600	-
GP8W	5/1/2008	140,000	-	-	<650	9,000	20,000	4,300	21,000	-
GP9W	5/1/2008	550	-	-	<5.0	53	0.52	2.1	25	-
GP10W	4/30/2008	11,000	-	-	<100	1,900	490	480	770	-

Table 6

Groundwater Analytical Data - Grab Samples
TPH, MBTEX and TRPH
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TRPH (µg/L)
					EPA Method SW8021B/8015Bm					EPA Method E418.1
GP11W	4/30/2008	42,000	-	-	<452	1,900	4,200	1,700	7,600	-
GP12W	4/30/2008	61,000	-	-	<500	4,500	11,000	1,700	7,700	-
GP13W	4/30/2008	6,200	-	-	<10	220	53	150	440	-
GP14W	4/30/2008	300	-	-	<5.0	46	1.9	19	11	-
GP15W	4/30/2008	<50	-	-	<5.0	<0.5	0.69	<0.5	1.1	-
GP16W	5/1/2008	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
GP17W	5/1/2008	<50	-	-	<5.0	<0.5	1.7	<0.5	2	-
GP18W	5/1/2008	<50	-	-	<5.0	<0.5	2.1	0.79	4	-
GP19W	5/1/2008	85	-	-	<5.0	<0.5	0.80	<0.5	<0.5	-
GP20W	5/1/2008	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
GP21W	5/2/2008	9,400	-	-	<50	560	1,400	260	1,300	-
GP22W	5/2/2008	3,900	-	-	<25	36	160	120	610	-
GP23W	5/2/2008	16,000	-	-	<90	830	1,900	540	2,600	-
GP24W	5/2/2008	110,000	-	-	<450	6,500	4,200	3,100	13,000	-
AEI-1-W	7/25/2011	<50	<50	<250	-				-	-
AEI-2-W	7/25/2011	<50	<50	<250	-				-	-
AEI-3-W	7/25/2011	11,000	12,000	29,000	<50	1,100	1,900	210	860	-
AEI-4-W	7/25/2011	200,000	25,000	19,000	<500	21,000	30,000	3,600	16,000	-
AEI-5-W	7/25/2011	<50	<50	<250	-	-	-	-	-	-
AEI-6-W	7/25/2011	18,000	120,000	300,000	<50	<5.0	7.7	<5.0	28	-
AEI-7-W	7/25/2011	280	11,000	28,000	-	-	-	-	-	-

Table 6

Groundwater Analytical Data - Grab Samples
TPH, MBTEX and TRPH
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TRPH (µg/L)
					EPA Method SW8021B/8015Bm					EPA Method E418.1
AEI-8-W	7/25/2011	<50	1,600	3,800	-	-	-	-	-	-
AEI-9-W	7/25/2011	<50	<50	<250	-	-	-	-	-	-
AEI-10-W	7/26/2011	<50	<50	400	-	-	-	-	-	-
AEI-14-W	7/26/2011	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-15-W	7/26/2011	<50	-	-	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-16-W	7/26/2011	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
AEI-17-W	7/26/2011	<50	89	590	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-18-W	7/26/2011	<50	<100	<500	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-19-W	7/26/2011	<50	<100	<500	<5.0	<0.5	<0.5	<0.5	<0.5	-
AEI-20	1/17/2012	130,000	-	-	<500	1,200	2,200	4,400	20,000	
AEI-21	1/17/2012	110,000	-	-	<500	160	520	1,200	3,300	
AEI-22	1/17/2012	61,000	-	-	<500	790	4,400	1,500	7,200	
AEI-23	1/17/2012	9,000	8,400	1,500	<50	<5.0	16	12	<5.0	
AEI-24	1/17/2012	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
AEI-25	1/17/2012	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
AEI-26	1/17/2012	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
AEI-27	1/17/2012	<50	<100	<500	<5.0	<0.5	<0.5	<0.5	<0.5	
AEI-28	1/17/2012	16,000	4,500	<250	<100	160	690	540	2,500	

µg/L = micrograms per liter
TPH = total petroleum hydrocarbons
TPH-g = TPH as gasoline
TPH-d = TPH as diesel
"<" = less than
MDL = method detection limit
TRPH = total recoverable petroleum hydrocarbons
MTBE and BTEX analysis for AEI-16-W performed by EPA Method SW8260B

Table 6

Groundwater Analytical Data - Grab Samples
TPH, MBTEX and TRPH
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	TPH-g (µg/L)	TPH-d* (µg/L)	TPH-mo* (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TRPH (µg/L)
					EPA Method SW8021B/8015Bm					EPA Method E418.1

TPH-mo = TPH as motor oil
MTBE = methyl tertiary butyl ether
"*" = with silica gel cleanup
"-" = not available

Table 7

Groundwater Analytical Data - Grab Samples
VOCs, Fuel Oxygenates, SVOCs, and PCBs
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	1,4-Dioxane (µg/L)	TBA (µg/L)	EDB (µg/L)	EDC (µg/L)	MTBE (µg/L)	Fuel Oxygenates^ (µg/L)	All Target VOCs (µg/L)	All Target SVOCs (µg/L)	All Target PCBs (µg/L)
		EPA Method SW8260B							EPA Method 8270	EPA Method SW8082
GP1W	4/29/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP2W	4/29/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP3W	4/29/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP4W	4/29/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP5W	4/29/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP6W	4/29/2008	-	24	<5.0	<5.0	<5.0	<MDL	-	-	-
GP7W	4/30/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP8W	5/1/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP9W	5/1/2008	-	7.7	<0.5	1.1	1.2	<MDL	-	-	-
GP10W	4/30/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP11W	4/30/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP12W	4/30/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP13W	4/30/2008	-	8.9	<0.5	<0.5	<0.5	<MDL	-	-	-
GP14W	4/30/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP15W	4/30/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP16W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP17W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP18W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP19W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP20W	5/1/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-

Table 7

Groundwater Analytical Data - Grab Samples
VOCs, Fuel Oxygenates, SVOCs, and PCBs
AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	1,4-Dioxane (µg/L)	TBA (µg/L)	EDB (µg/L)	EDC (µg/L)	MTBE (µg/L)	Fuel Oxygenates^ (µg/L)	All Target VOCs (µg/L)	All Target SVOCs (µg/L)	All Target PCBs (µg/L)
					EPA Method SW8260B				EPA Method 8270	EPA Method SW8082
GP21W	5/2/2008	-	<2.0	0.65	<0.5	<0.5	<MDL	-	-	-
GP22W	5/2/2008	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
GP23W	5/2/2008	-	<20	<5.0	<5.0	<5.0	<MDL	-	-	-
GP24W	5/2/2008	-	75	<5.0	<5.0	<5.0	<MDL	-	-	-
AEI-14-W	7/26/2011	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
AEI-15-W	7/26/2011	-	<2.0	<0.5	<0.5	<0.5	<MDL	-	-	-
AEI-16-W	7/26/2011	<2.0	<2.0	<0.5	<0.5	<0.5	<MDL	<MDL	<MDL	<0.5
AEI-27	1/17/2012	-	-	-	-	-	-	<MDL	-	-

mg/kg = milligrams per kilogram (equivalent to parts per million)
MDL = method detection limit
VOCs = volatile organic compounds
SVOCs = semi-volatile organic compounds
PCBs = polychlorinated biphenyls
TBA = t-butyl alcohol
EDB = 1,2-dibromomethane
EDC = 1,2-dichloroethane
MTBE = methyl tert-butyl ether
"-" = not available
"<" = less than
"^" = fuel oxygenates tert-amyl methyl ether (TAME),
1,2-dichloroethane (1,2-DCA), diisopropyl ether (DIPE), methanol,
ethanol, and ethyl tert-butyl ether (ETBE)

Table 8

Grab Groundwater Sample Analytical Data

Metals

AEI Project No. 298931, 1630 Park Street, Alameda, California

Sample ID	Date Collected	Cd µg/L	Cr (total) µg/L	Pb µg/L EPA Method E200.8	Ni µg/L	Zn µg/L
AEI-14-W*	7/26/2011	-	-	21	-	-
AEI-15-W*	7/26/2011	-	-	66	-	-
AEI-16-W**	7/26/2011	<0.25	<0.5	<0.5	8.7	<5.0

Notes:
µg/L = micrograms per liter
"*" = total
"**" = dissolved
Cd = Cadmium
Cr = Chromium
Pb =Lead
Ni = Nickel
Zn = Zinc

Table 9

Groundwater Analytical Data- Monitoring Wells

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	1/21/1987		-	-	21,020	1,148	8,627	1,792	6,012	-	-	-	-	-	-	-	-	-	-	-
	1/11/1989		-	-	1,400	74	10	13	5.0	-	-	-	-	-	-	-	-	-	-	-
	7/12/1989		-	-	1,200	470	49	45	33	-	-	-	-	-	-	-	-	-	-	-
	4/9/1991		-	-	850	260	10	15	12	-	-	-	-	-	-	-	-	-	-	-
	7/14/1992		-	-	13,000	2,300	1,200	1,200	1,200	-	-	-	-	-	-	-	-	-	-	-
	10/7/1992		-	-	3,600	1,600	80	120	120	-	-	-	-	-	-	-	-	-	-	-
	1/11/1993		-	-	1,200	410	16	23	19	-	-	-	-	-	-	-	-	-	-	-
	4/23/1993	a	-	-	2,200	720	180	82	150	-	-	-	-	-	-	-	-	-	-	-
	7/8/1993	a	-	-	3,200	1,200	110	97	100	-	-	-	-	-	-	-	-	-	-	-
	10/15/1993	a	-	-	3,700	1,400	43	94	36	-	-	-	-	-	-	-	-	-	-	-
	1/25/1994	a	-	-	1,600	680	16	41	35	-	-	-	-	-	-	-	-	-	-	-
	4/28/1994	a	-	-	6,100	1,900	380	250	340	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	6,000	1,800	510	220	450	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	3,000	1,100	79	82	87	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995	a	-	-	1,600	660	100	82	87	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995	a	-	-	3,800	1,200	270	120	260	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995	a	-	-	5,200	1,500	450	190	400	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995	a	-	-	5,900	1,800	450	210	400	-	-	-	-	-	-	-	-	-	-	-
	1/21/1997	a	-	-	3,100	1,100	87	160	180	<7.3	-	-	-	-	-	-	-	-	-	-
	11/12/1998	a	-	-	1,000	280	3	3.3	7.9	<30	-	-	-	-	-	-	-	-	-	-
	1/16/2001	a	-	-	4,700	1,20	18	150	49	-	<5	<5.0	<25	<5.0	<5.0	<5.0	-	<5.0	-	-
	6/27/2002	a	-	-	5,900	230	7.7	<5	1,500	-	<5	<5.0	<50	<5.0	<5.0	<5.0	-	<5.0	-	-
	11/18/2002	a	-	-	3,100	890	12	310	28	-	<2.5	-	-	<2.5	<2.5	-	-	-	-	-
	2/20/2003	d	-	-	260	100	0.72	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	6/11/2003	a	-	-	3,100	480	6.7	220	420	-	<2.5	-	-	<2.5	<2.5	-	-	-	-	-
	4/3/2008	a	-	-	2,700	280	21	130	230	<25	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<100	<1.0	<1,000	<0.5
	6/23/2011	a	-	-	610	100	6.2	46	77	-	<2.5	<2.5	<10	-	-	<2.5	-	<2.5	-	-
	12/6/2011	a	-	-	900	160	<5.0	68	76	-	<5.0	<5.0	<20	-	-	<5.0	-	<5.0	-	-
	1/24/2012	a	-	-	190	25	<1.0	1.4	4.6	<1.0	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	210	<50	2,600	200	51	93	610	<5.0	-	-	-	-	-	-	-	-	-	-

Table 9

Groundwater Analytical Data- Monitoring Wells

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-2	1/21/1987		-	-	5,018	386	1,981	285	1,432	-	-	-	-	-	-	-	-	-	-	-
	1/11/1989		-	-	10,000	3,000	410	240	190	-	-	-	-	-	-	-	-	-	-	-
	7/12/1989		-	-	7,600	2,700	540	250	320	-	-	-	-	-	-	-	-	-	-	-
	4/9/1991		-	-	4,900	910	210	130	200	-	-	-	-	-	-	-	-	-	-	-
	7/14/1992		-	-	13,000	4,400	1,500	610	1,100	-	-	-	-	-	-	-	-	-	-	-
	10/7/1992		-	-	11,000	5,200	1,500	500	1,200	-	-	-	-	-	-	-	-	-	-	-
	1/11/1993		-	-	17,000	940	1,100	480	930	-	-	-	-	-	-	-	-	-	-	-
	4/23/1993	a	-	-	52,000	13,000	8,400	1,700	5,300	-	-	-	-	-	-	-	-	-	-	-
	7/8/1993	a	-	-	6,400	2,500	470	280	530	-	-	-	-	-	-	-	-	-	-	-
	10/15/1993	a	-	-	17,000	3,900	870	500	940	-	-	-	-	-	-	-	-	-	-	-
	1/25/1994	a	-	-	16,000	5,400	1,140	640	1,500	-	-	-	-	-	-	-	-	-	-	-
	4/28/1994	a	-	-	15,000	4,00	910	480	1,200	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	18,000	6,000	760	630	1,600	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	9,500	2,700	230	320	640	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995	a	-	-	5,900	1,900	290	230	500	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995	a	-	-	10,000	3,300	620	360	930	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995	a	-	-	9,900	3,300	320	390	830	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995	a	-	-	13,000	4,900	400	580	990	-	-	-	-	-	-	-	-	-	-	-
	1/21/1997	a	-	-	7,600	2,600	310	330	660	<20	-	-	-	-	-	-	-	-	-	-
	11/12/1998	a	-	-	31,000	11,000	750	1,500	2,300	<900	-	-	-	-	-	-	-	-	-	-
	1/16/2001	a	-	-	23,000	8,200	260	1,000	820	<30	-	<30	<150	<30	<30	<30	-	<30	-	-
	6/27/2002	a	-	-	39,000	7,000	1,800	690	4,000	-	<5	<5.0	<5.0	<5.0	6.1	<5.0	-	<5.0	-	-
	11/18/2002	a	-	-	15,000	5,700	76	1,000	150	-	<12	-	-	<12	<12	-	-	-	-	-
	2/20/2003	a	-	-	26,000	6,300	1,100	1,300	1,900	-	<5.0	-	-	<5.0	<5.0	-	-	-	-	-
	6/11/2003	a	-	-	37,000	7,100	2,300	2,000	3,600	-	<25	-	-	<25	<25	-	-	-	-	-
	4/3/2008	a	-	-	4,100	760	96	250	130	<50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<250	<2.5	<2,500	<0.5
	6/23/2011	a	-	-	6,500	2,100	210.0	560	310	-	<50	<50	<200	-	-	<50	-	<50	-	-
	12/6/2011	a	-	-	4,800	1,600	<50	260	<50	-	<50	<50	<200	-	-	<50	-	<50	-	-
	1/24/2012	a	-	-	2,500	100	22.0	<5.0	410	<5.0	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	68	<50	140	14	2.8	2.9	12	<0.5	-	-	-	-	-	-	-	-	-	-

Table 9

Groundwater Analytical Data- Monitoring Wells

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-3	1/21/1987		-	-	10,287	1,428	3,281	610	2,761	-	-	-	-	-	-	-	-	-	-	-
	1/11/1989		-	-	5,300	1,800	340	150	160	-	-	-	-	-	-	-	-	-	-	-
	7/12/1989		-	-	7,800	3,100	900	300	480	-	-	-	-	-	-	-	-	-	-	-
	4/9/1991		-	-	9,400	1,400	730	200	510	-	-	-	-	-	-	-	-	-	-	-
	7/14/1992		-	-	17,000	3,500	390	390	260	-	-	-	-	-	-	-	-	-	-	-
	10/7/1992		-	-	9,200	4,300	470	390	610	-	-	-	-	-	-	-	-	-	-	-
	1/11/1993		-	-	2,000	740	29	58	28	-	-	-	-	-	-	-	-	-	-	-
	4/23/1993	a	-	-	6,500	2,600	280	260	190	-	-	-	-	-	-	-	-	-	-	-
	7/8/1993	a	-	-	5,200	2,100	260	250	180	-	-	-	-	-	-	-	-	-	-	-
	10/15/1993	a	-	-	11,000	3,500	580	430	370	-	-	-	-	-	-	-	-	-	-	-
	1/25/1994	a	-	-	6,200	2,500	270	160	28	-	-	-	-	-	-	-	-	-	-	-
	4/28/1994	a	-	-	5,300	1,700	190	210	180	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	5,900	2,000	360	260	330	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	8,000	2,200	580	260	170	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995	a	-	-	3,700	1,200	150	150	190	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995	a	-	-	4,000	1,400	200	180	210	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995	a	-	-	5,700	2,000	280	270	280	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995	a	-	-	11,000	3,500	1,100	460	680	-	-	-	-	-	-	-	-	-	-	-
	1/21/1997	a	-	-	2,200	860	63	71	80	<5	-	-	-	-	-	-	-	-	-	-
	11/12/1998	d	-	-	180	44	0.51	<0.5	0.92	<20	-	-	-	-	-	-	-	-	-	-
	1/16/2001	a	-	-	64	11	0.77	<0.5	<0.5	-	<5	<1.0	<5.0	<1.0	1.4	<1.0	-	<1.0	-	-
	6/27/2002		-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	-	<0.5	-	-
	11/18/2002	a	-	-	110	21	1	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	2/20/2003		-	-	<50	2.5	<0.5	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	6/11/2003		-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	4/3/2008	a	-	-	7,600	2,400	58	250	170	<100	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<500	<5.0	<5,000	<0.5
	6/23/2011	a	-	-	1,300	560	21	86	150	-	<12	<12	<50	-	-	<12	-	<12	-	-
	12/6/2011	a	-	-	1,800	620	28	22	46	-	<17	<17	<67	-	-	<17	-	<17	-	-
	1/24/2012	a	-	-	3,700	1,200	68	34	130	<25	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	<50	<50	75	5.3	<0.5	<0.5	1.6	<0.5	-	-	-	-	-	-	-	-	-	-

Table 9

Groundwater Analytical Data- Monitoring Wells

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-4	4/28/1994	b,c	-	-	190	3.8	2.9	2.1	3.1	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	180	15	9.2	7.6	28	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	130	8.6	6.6	4.5	17	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995		-	-	110	6.5	1.2	1.8	11	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995		-	-	82	3.9	<0.5	<0.5	2.5	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995		-	-	130	8.8	1.3	4.5	7.6	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995		-	-	95	6.6	1.7	4.3	7	-	-	-	-	-	-	-	-	-	-	-
	4/3/2008		-	-	130	1.6	<0.5	0.89	0.85	<5.0	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<0.5	<500	<0.5
	6/23/2011	a	-	-	53	2.7	<0.5	1.0	1.7	-	<0.5	<0.5	<2.0	-	-	<0.5	-	<0.5	-	-
	5/23/2012	f	<50	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
MW-5	4/28/1994	a	-	-	30,000	4,000	3,000	810	3,500	-	-	-	-	-	-	-	-	-	-	-
	7/27/1994	a	-	-	9,300	2,000	800	290	940	-	-	-	-	-	-	-	-	-	-	-
	10/27/1994	a	-	-	15,000	2,700	1,300	420	1,100	-	-	-	-	-	-	-	-	-	-	-
	1/26/1995	a	-	-	7,900	2,100	680	240	860	-	-	-	-	-	-	-	-	-	-	-
	4/13/1995	a	-	-	7,900	2,400	580	340	630	-	-	-	-	-	-	-	-	-	-	-
	7/21/1995	a	-	-	11,000	3,400	760	610	1,200	-	-	-	-	-	-	-	-	-	-	-
	10/25/1995	a	-	-	13,000	2,900	830	570	1,100	-	-	-	-	-	-	-	-	-	-	-
	1/21/1997	a	-	-	2,600	750	65	1,860	280	<5	-	-	-	-	-	-	-	-	-	-
	11/12/1998		-	-	<50	<0.5	<0.5	<0.5	<0.5	<5	-	-	-	-	-	-	-	-	-	-
	1/16/2001		-	-	<50	11	<0.5	<0.5	0.82	-	<5	<1.0	<5.0	<1.0	<1.0	<1.0	-	<1.0	-	-
	6/27/2002		-	-	<50	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	-	<0.5	-	-
	11/18/2002	a	-	-	130	17	3.8	2.1	16	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	2/20/2003		-	-	<50	5.6	0.51	<0.5	0.68	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	6/11/2003	a	-	-	170	48	<0.5	<0.5	1.4	-	<0.5	-	-	<0.5	<0.5	-	-	-	-	-
	4/3/2008	a	-	-	31,000	490	3,400	1,600	5,300	<250	<10	<10	<40	<10	<10	<10	<1,000	<10	<10,000	<0.5
	6/23/2011	a	-	-	82	5.1	<0.5	12.0	8.4	-	<0.5	<0.5	<2.0	-	-	<0.5	-	<0.5	-	-
	5/18/2012	f	<50	<50	120	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-

Table 9

Groundwater Analytical Data- Monitoring Wells

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
DPE-1	12/6/2011	a	-	-	9,200	1,800	570	460	1,100	-	<50	<50	<200	-	-	<50	-	<50	-	-
	1/24/2012	a	-	-	3,200	170	58	<5.0	620	<5.0	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	280	<50	540	49	<1.0	<1.0	17	<1.0	-	-	-	-	-	-	-	-	-	-
DPE-2	12/6/2011	a	-	-	22,000	2,100	3,300	650	3,300	-	<100	<100	<400	-	-	<100	-	<100	-	-
	1/24/2012	a	-	-	1,100	44	26	11	150	<2.5	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	<50	<50	220	33	3.2	<0.5	30	<0.5	-	-	-	-	-	-	-	-	-	-
DPE-3	12/6/2011	a	-	-	6,400	550	560	180	1,000	-	<17	<17	<67	-	-	<17	-	<17	-	-
	1/24/2012	a	-	-	5,500	290	240	44	1,000	<5.0	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	260	<50	1,100	78	37	11	89	<1.7	-	-	-	-	-	-	-	-	-	-
DPE-4	1/24/2012	a	-	-	730	66	6.0	7.1	83	2.5	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	<50	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DPE-6	1/24/2012	a	-	-	64*	<0.5	<0.5	<0.5	3.2	<0.5	-	-	-	-	-	-	-	-	-	-
	5/18/2012	f	<50	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DPE-9	1/24/2012	a	<50	<50	4,400	160	390	93	1,100	<5.0	-	-	-	-	-	-	-	-	-	-
DPE-10	5/18/2012	f	420	<50	1,700	150	<5.0	<5.0	<5.0	160	-	-	-	-	-	-	-	-	-	-
DPE-11	5/18/2012	f	260	<50	930	6.4	4.6	4.6	160	<1.2	-	-	-	-	-	-	-	-	-	-
ESL			83	83	83	0.044	2.9	3.3	2.3	0.023	0.023	NA	0.075	0.00033	0.0045	NA	NA	NA	NA	750

Table 9

Groundwater Analytical Data- Monitoring Wells

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Date	Notes	TPH-d	TPH-mo	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	MTBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol	ETBE	Methanol	Lead
			EPA Methods 8020, 8021B, or 8260B								EPA Method 8260B									
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)

TPH-g= total petroleum hydrocarbons as gasoline
TPH-d= total petroleum hydrocarbons as diesel
TPH-mo= total petroleum hydrocarbons as motor oil
MTBE = Methyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
TBA = Tertiary butyl alcohol
EDB = 1,2-Dibromoethane
1,2-DCA = 1,2-Dichloroethane
DIPE = Diisopropyl ether
ETBE = Ethyl tertiary butyl ether
"-" = Not analyzed or data not available
µg/L = micrograms per liter (ppb)
ESL = Environmental Screening Levels, Table A-2, Shallow Soil, Commercial- Potential Drinking Water, San Francisco Regional Water Quality Control Board, Revised May 2008
NA = Not applicable

a = Laboratory note indicates the unmodified or weakly modified gasoline is significant.
b = Laboratory note indicates heavier gasoline range compounds are significant (aged gas?).
c = Laboratory note indicates gasoline range compounds are significant with no recognizable pattern.
d = Laboratory note indicates that lighter gasoline range coounds (the most mobile fraction) are significant.
e = Laboratory note indicates that one to a few isloated non-targed peaks are present.
f = Laboratory note indicates that low surrogate due to matrix interference.

* Total petroleum hydrocarbons as diesel = <50; Total petroleum hydrocarbons as motor oil = <250

Table 10

Soil Vapor Monitoring Analytical Data

AEI Project No. 298931, 1600-1630 Park Street, Alameda, CA

Sample ID	Sample Date	Contaminants of Concern											
		TPH-g (C-C12)	TVH (C5-C11)	Benzene	Toluene	Ethyl-benzene	Xylenes	Oxygenates (TAME, DIPE, ETBE, MTBE)	Oxygenates (TBA)	Isopropyl Alcohol	CH4	O2	CO2
		(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	%	%	%
VP-1	5/17/2012	<1,800	NA	<6.5	<7.7	<8.8	<27	NA	NA	<50			
*	5/30/2012		0								0	17.7	0.5
	7/12/2012	<1,800	<1,800	<6.5	<7.7	<8.8	<27	ND	<62	<50	ND	27.0	1.7
VP-2	5/17/2012	<1,800	NA	<6.5	<7.7	<8.8	<27	NA	NA	<50			
*	5/30/2012		0								0	18.4	0.4
	7/12/2012	<1,800	<1,800	<6.5	<7.7	<8.8	<27	ND	**230**	<50	ND	28.0	1.3
VP-3	5/17/2012	<1,800	NA	<6.5	<7.7	<8.8	<27	NA	NA	<50			
*	5/30/2012		0								0	18.2	0.9
	7/12/2012	<1,800	<1,800	<6.5	<7.7	<8.8	<27	ND	<62	**290**	0.00011	28.0	2.4
ESL		10,000	NA	84	63,000	980	21,000	NA	NA	NA			

Notes:

TPH-g= total petroleum hydrocarbons as gasoline

µg/m3 = micrograms per cubic meter (ppbv)

NA = Not applicable

ESL = Environmental Screening Levels, Table E-2, San Francisco Regional Water Quality Control Board (Shallow Soil Gas- Lowest Residential), Revised May 2008

Field monitoring performed using an Eagle photo-ionization detector/multi-gas meter

ATTACHMENT A

REVISED GROUNDWATER MONITORING SCHEDULE

Table 10 (Revised)

Proposed Groundwater Monitoring Schedule

AEI Project No. 298931, 1630 Park Street, Alameda, California

Existing Monitoring Wells	Well Diameter in inches (screen interval in ft bgs)	Proposed Schedule									
		2012		2013				2014			
		3rd QTR July	4th QTR November	1st QTR February	2nd QTR May	3rd QTR August	4th QTR November	1st QTR February	2nd QTR May	3rd QTR August	4th QTR November
MW-1	2" (5-20)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	2" (5-20)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	2" (5-20)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	2" (8-23)	X	X	X	X	X	X	X	X	X	X
MW-5	2" (7-22)	X	X	X	X	X	X	X	X	X	X
DPE-1	4" (7-15)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPE-2	4" (7-15)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPE-3	4" (7-14)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPE-4	4" (8-17)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPE-5	4" (8-18)		NA	NA	NA	NA	NA	NA	NA	NA	NA
DPE-6	4" (8-18)	X	X	X	X	X	X	X	X	X	X
DPE-8	4" (8-18)		NA	NA	NA	NA	NA	NA	NA	NA	NA
DPE-9	4" (8-18)		NA	NA	NA	NA	NA	NA	NA	NA	NA
DPE-10	4" (8-17)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPE-11	4" (8-18)	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	2" (7-17) - planned		X	X	X	X	X	X	X	X	X
MW-7	2" (7-17) - planned		X	X	X	X	X	X	X	X	X
MW-8	2" (7-17) - planned		X	X	X	X	X	X	X	X	X
MW-9	2" (7-17) - planned		X	X	X	X	X	X	X	X	X

Notes:

X = Well will be monitored and sampled

NA = Well not accessible or has been abandoned.

Groundwater Samples will be analyzed for:

TPHmo and TPHd by EPA method 8015 Modified with silica gel cleanup, TPHg by EPA method 8015 Modified, and VOCs by EPA method 8260B.

Assumes that by 4th QTR 2012, DPE wells beneath the building will be plumbed for extraction beneath the building foundation.

Assumes that MW-6 through MW-9 will be installed during 4th QTR 2012.

ATTACHMENT B

SOIL BORING LOGS

GROUNDWATER TECHNOLOGY, INC.
OIL RECOVERY SYSTEMS

Monitoring Well 1

Drilling Log

Project: Good Chevrolet — Owner: Good Chevrolet

Location: 1630 Park St. Alameda — Project Number: 20-8208

Date Drilled: 1/15/87 — Total Depth of Hole: 20 ft. — Diameter: 7.5 inches

Surface Elevation: — Water Level, Initial: 14 ft. — 24-hrs.:

Screen: Dia. .020 — Length: 15 feet — Slot Size: .020

Casing: Dia. 2 inch — Length: 5 feet — Type: PVC

Drilling Company: Kvilhaug — Drilling Method: Hollowstem Auger

Driller: C. Pruner — Log by: N. Farrar

Sketch Map

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification
0					3 inches Asphalt 8 inches base course
2					Black silty sand (loose, dry, no product odor)
4			A 5		(grades light brown, medium dense)
6			12	SM	
8			14		(strong product odor)
10			B 10		
12			19		
14			30		
16			C 10		Encountered water 1/15/87 (grades no product odor)
18			14		
20			19		Drilled to 20 feet, installed well
22					
24					

02100144

GROUNDWATER TECHNOLOGY, INC.
OIL RECOVERY SYSTEMS

Monitoring Well 2

Drilling Log

Project Good Chevrolet Owner Good Chevrolet

Location 1630 Park St. Alameda Project Number 20-8208

Date Drilled 1/15/87 Total Depth of Hole 20 ft. Diameter 7.5 inches

Surface Elevation ____ Water Level, Initial 14 ft. 24-hrs. ____

Screen: Dia. .020 Length 15 feet Slot Size .020

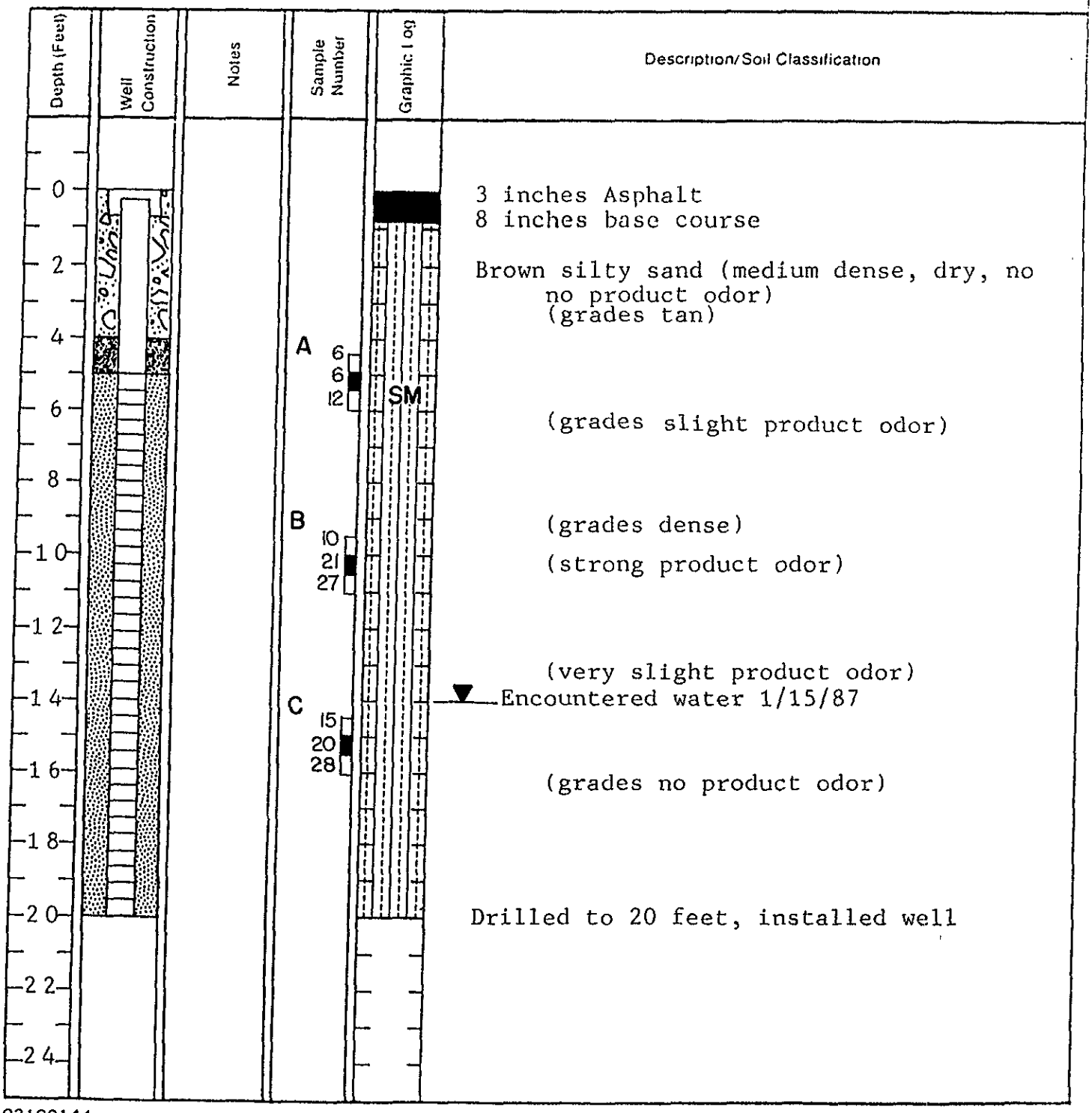
Casing: Dia. 2 inch Length 5 feet Type PVC

Drilling Company Kvilhaug Drilling Method Hollowstem Auger

Driller C. Pruner Log by N. Farrar

Sketch Map

Notes



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GROUNDWATER TECHNOLOGY, INC.
OIL RECOVERY SYSTEMS

Monitoring Well 3

Drilling Log

Project Good Chevrolet Owner Good Chevrolet

Location 1630 Park St. Alameda Project Number 20-8208

Date Drilled 1/15/87 Total Depth of Hole 20 ft. Diameter 7.5 inches

Surface Elevation ____ Water Level, Initial 14 ft. 24-hrs. ____

Screen: Dia. .020 Length 15 feet Slot Size .020

Casing: Dia. 2 inch Length 5 feet Type PVC

Drilling Company Kvilhaug Drilling Method Hollowstem Auger

Driller C. Pruner Log by N. Farrar

Sketch Map

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification
0					3 inches Asphalt 8 inches base course Tan silty sand (loose, dry, no product odor)
2					
4			A 4 6 11	SM	(grades medium dense)
6					
8				SC	Tan clayey sand (medium dense, dry, no product odor) (grades less clay, strong product odor)
10			B 10 15 24		Tan silty sand (dense, dry, slight product odor)
12				SM	
14			C 11 16 20		▼ Encountered water 1/15/87
16					(grades no product odor)
18					
20					Drilled to 20 feet, installed well
22					
24					

02100144

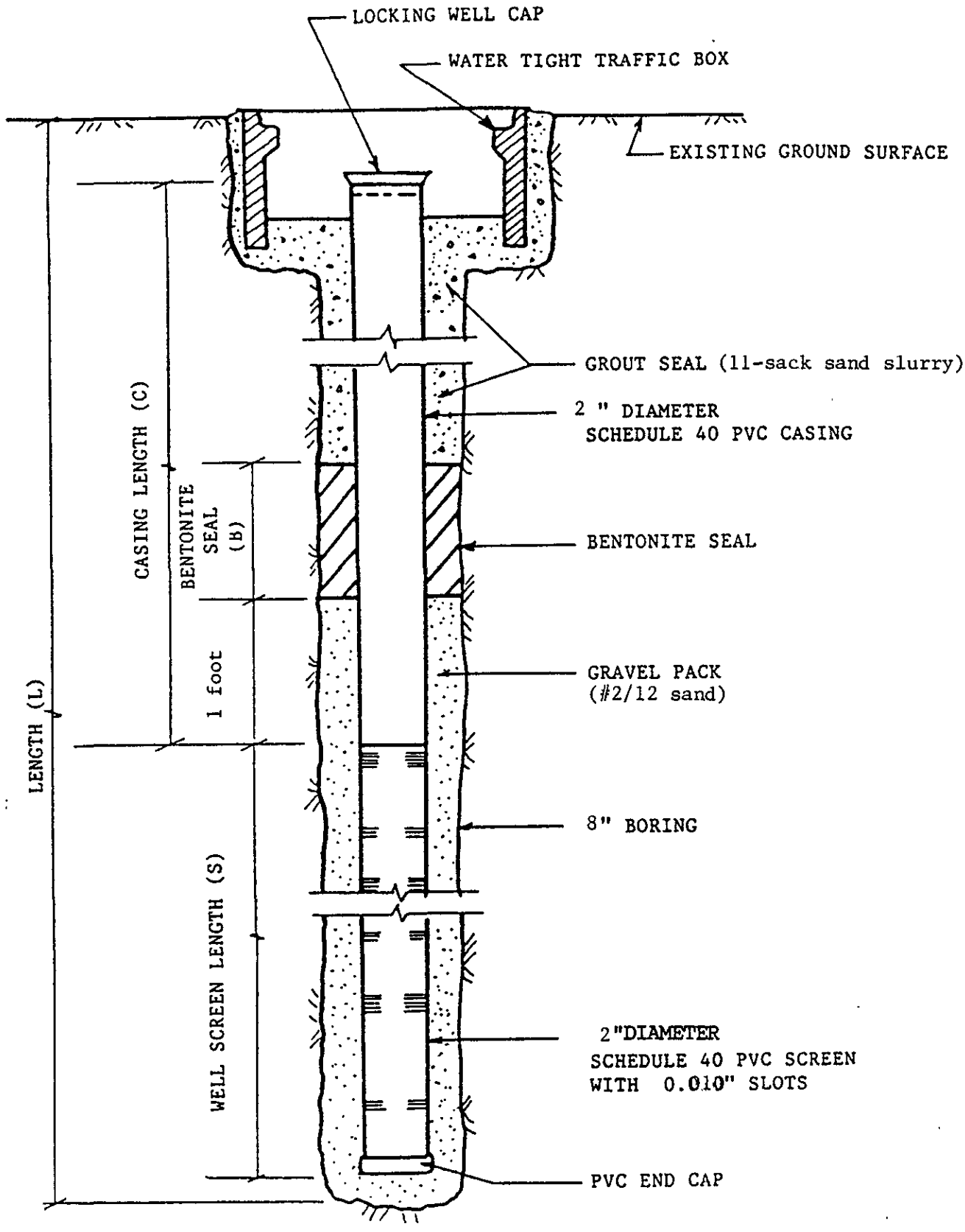
SUBSURFACE DATA LOG

LOG No. MW-4 DATE: 4/20/94
LOCATION: Good Chevrolet - Park Street
EQUIPMENT: Exploration Geoservices
PROJECT No.

DRY DENSITY (lbs cu. ft.)	MOISTURE (% of dry wt.)	"N" VALUE (blows/ft.)	OVM READING (ppm)	SAMPLE TYPE	DEPTH (ft)	LOG	U.S.C.	
								A/C Pavement and Aggregate Base
		9	0.5	S1	5		SM	SAND, fine to medium grained with some gravel, gray, moist, medium dense
		37	3.8	S2	10		SM	SAND, fine to medium grained, gray, dense, wet
		39	0.8	S3	15		SM	SAND, fine to medium grained, red, wet, dense
					20			
					25			Boring terminated at 23.0 feet. Monitoring well constructed (2-inch). Ground water encountered at 11 feet.

GeoPlexus, Inc.

FIGURE 4



L=23 feet
S=15 feet
C= 8 feet
B= 1 foot

GOOD CHEVROLET		
DATE 4/20/94	SCALE n/a	DRAWN BY dcg
MONITORING WELL MW-4		
	Figure 6	

GeoPlexus, Inc.

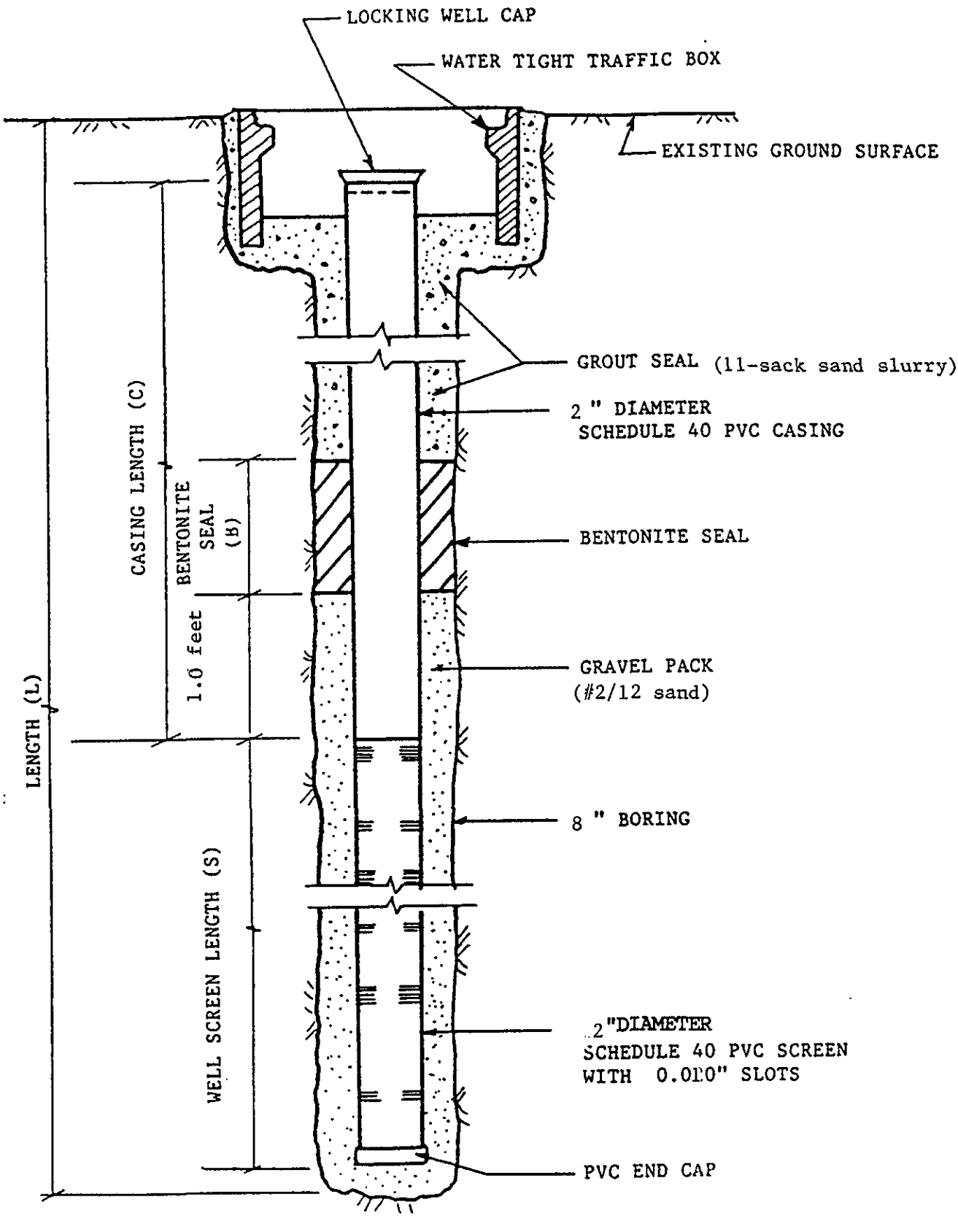
SUBSURFACE DATA LOG

LOG No. MW-5 DATE: 4/20/94
LOCATION: Good Chevrolet - Park Street
EQUIPMENT: Exploration Geoservices
PROJECT No.

DRY DENSITY (lbs. cu. ft.)	MOISTURE (% of dry wt.)	"N" VALUE (blows/ft.)	OVM READING (ppm)	SAMPLE TYPE	DEPTH (ft)	LOG	U.S.C.	
								A/C Pavement and Aggregate Base
							SM	SILTY SAND, redish-brown, moist, medium dense
		12	0.8	S1	5			
								- grey staining of sand noted
		29	25.8	S2	10			
								- redish-brown
		39	15.5	S3	15			
					20			
					25			Boring terminated at 22 feet Monitoring well constructed (2-inch). Ground water encountered at 12 feet

GeoPlexus, Inc.

FIGURE 5



L= 22 feet
S= 15 feet
C= 7 feet
B= 1 foot

GOOD CHEVROLET		
DATE 4/20/94	SCALE n/a	DRAWN BY dcg
MONITORING WELL MW-5		
	Figure 7	

GeoPlexus, Inc.

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-1

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **13 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 8.27 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, minor silt, brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-1-4'				1.8	
	5					sand increasing in density and moisture		
			AEI-1-7'					
			AEI-1-8'				1.4	
						(after 15 mins)		
	10					(ATD)		
				SP		Sand, brown, wet, no apparent odors or staining		
			AEI-1-12'				2.4	
						Bottom of Boring at 13 feet bgs		
	15							

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Figure

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-2

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **13 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 7.57 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

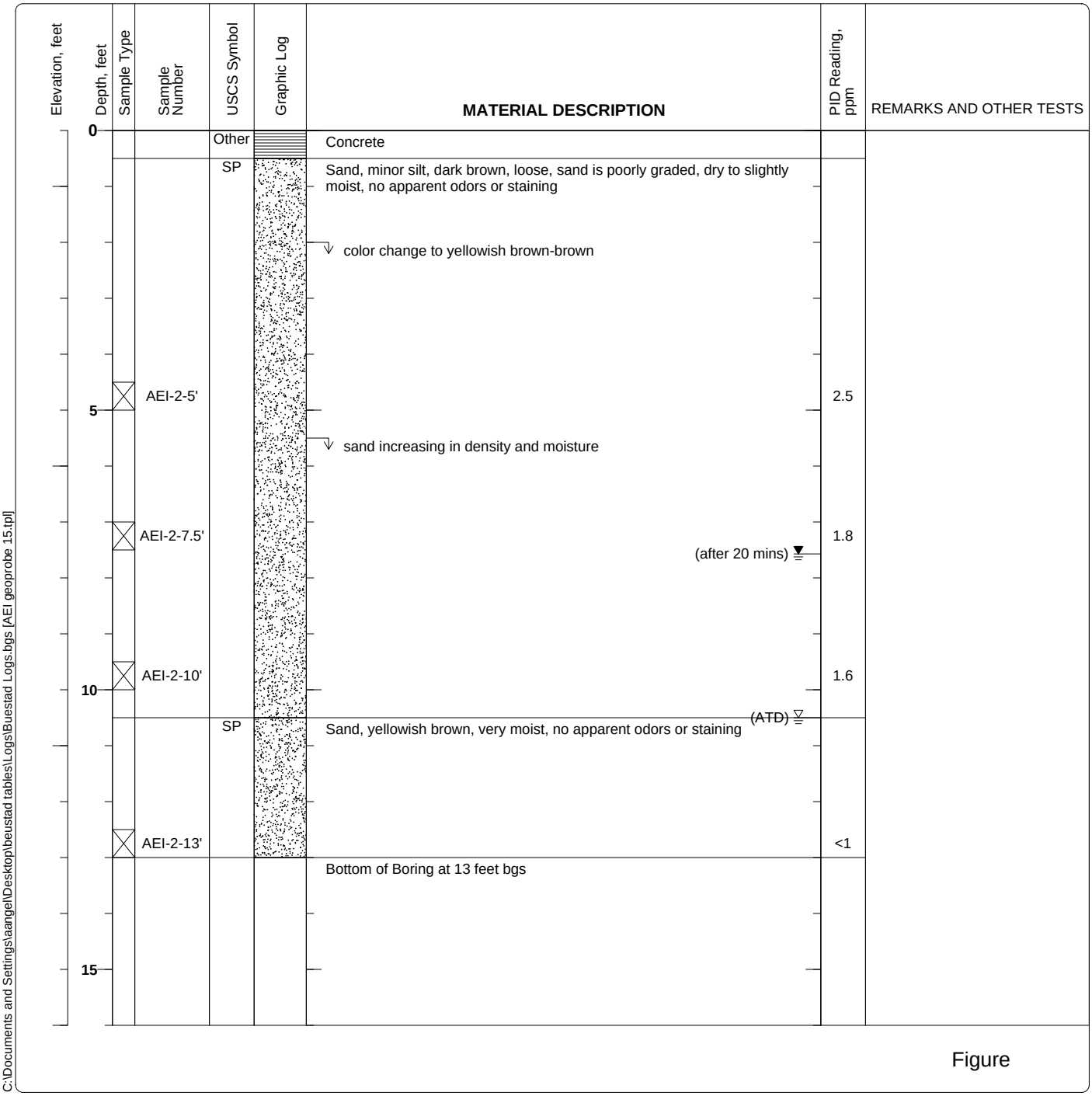

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Figure

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-3

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **12 feet ATD, 7.75 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown-brown		
			AEI-3-4'					
	5							
			AEI-3-7'			strong petroleum hydrocarbon odors and staining noted, sand increasing in density and moisture		
			AEI-3-8'			(after 15 mins)	1048	
			AEI-3-10'				941	
	10							
			AEI-3-12'				214	
						(ATD)		
				SP		Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, wet		
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-3-15'				26.2	
	15					Bottom of Boring at 15 feet bgs		

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-4

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10 feet ATD, 7.97 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-4-4'				1.7	
	5							
			AEI-4-7'			strong petroleum hydrocarbon odors and staining noted, sand increasing in density and moisture	1281	
						(after 20 mins) ▼		
			AEI-4-8.5'					
			AEI-4-10'				1329	
	10					(ATD) ▽		
				SP		Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, wet		
			AEI-4-13'				1043	
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-4-15'				239	
	15					Bottom of Boring at 15 feet bgs		

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-5

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **13 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 7.68 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown-brown		
	5		AEI-5-6.5'			sand increasing in density and moisture	4.1	
			AEI-5-8'			(after 20 mins)	2.4	
	10					(ATD)		
				SP		Sand, brown, very moist, no apparent odors or staining		
			AEI-5-12'				6.7	
						Bottom of Boring at 13 feet bgs		
	15		AEI-5-15'				1.7	

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-6

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.5 feet ATD, 7.8 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-6-4'				3.1	
	5							
			AEI-6-6'				11.6	
						sand increasing in density and moisture		
			AEI-6-7'				105	
			AEI-6-8'			(after 20 mins) ▼		
						strong petroleum hydrocarbon odors and staining noted		
			AEI-6-10'				82	
	10					(ATD) ▽		
			AEI-6-12'	SP		Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, wet	36.4	
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-6-14'				32.3	
						Bottom of Boring at 14 feet bgs		
	15							

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Figure

Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-7

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **11 feet ATD, 7.95 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-7-4'				4.1	
	5							
						sand increasing in density and moisture		
			AEI-7-7'				102	
						(after 20 mins) strong petroleum hydrocarbon odors and staining noted		
	10							
			AEI-7-11'				75	
				SP		(ATD) Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, oily water noted in pores, wet		
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-7-13'				57	
						Bottom of Boring at 14 feet bgs		
	15							

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-8

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **11 feet ATD, 7.54 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-8-4'				12.8	
	5							
						sand increasing in density and moisture		
			AEI-8-7'				140	
						(after 20 mins) ▼		
						strong petroleum hydrocarbon odors and staining noted		
			AEI-8-9'				92	
	10							
			AEI-8-11'				81	
						(ATD) ▽		
				SP		Sand, dark olive grey, strong petroleum hydrocarbon odors and staining noted, oily water noted in pores, wet		
						petroleum hydrocarbon odors and staining end, color back to yellowish brown		
			AEI-8-14'				24.1	
						Bottom of Boring at 14 feet bgs		
	15							

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-9

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10 feet ATD, 7.89 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
	5		AEI-9-5'				4.7	
						sand increasing in density and moisture		
			AEI-9-7'				10.4	
			AEI-9-8'			(after 15 mins)		
	10			SP		(ATD) Sand, brown, very moist, no apparent odors or staining		
			AEI-9-11'				9.5	
			AEI-9-14'					
						Bottom of Boring at 14 feet bgs		
	15							

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-10

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **9.5 feet ATD, 8.24 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Hydraulic Lift**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-10-4'				2.1	
	5							
			AEI-10-6'			sand increasing in density and moisture	3.4	
			AEI-10-8'					
						(after 20 mins) ▼		
						(ATD) ▽		
			AEI-10-10'				1.4	
	10							
			AEI-10-12'	SP		Sand, yellowish brown, wet, no apparent odors or staining, slightly dense	4.7	
			AEI-10-15'					
	15					Bottom of Boring at 15 feet bgs		

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-11

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **5 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Drain**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-11-3'				1.7	
			AEI-11-5'				<1	
	5					Bottom of Boring at 5 feet bgs		
	10							
	15							

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-12

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **8 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Drain**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
		X	AEI-12-3'				1.1	
	5	X	AEI-12-5'				1.5	
		X	AEI-12-8'			increasing in density and moisture	2.7	
						Bottom of Boring at 8 feet bgs		
	10							
	15							

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-13

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **8 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Drain**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Concrete		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-13-3'				1.1	
			AEI-13-5'				1.5	
	5					increasing in density and moisture		
			AEI-13-8'				2.7	
						Bottom of Boring at 8 feet bgs		
	10							
	15							

Figure

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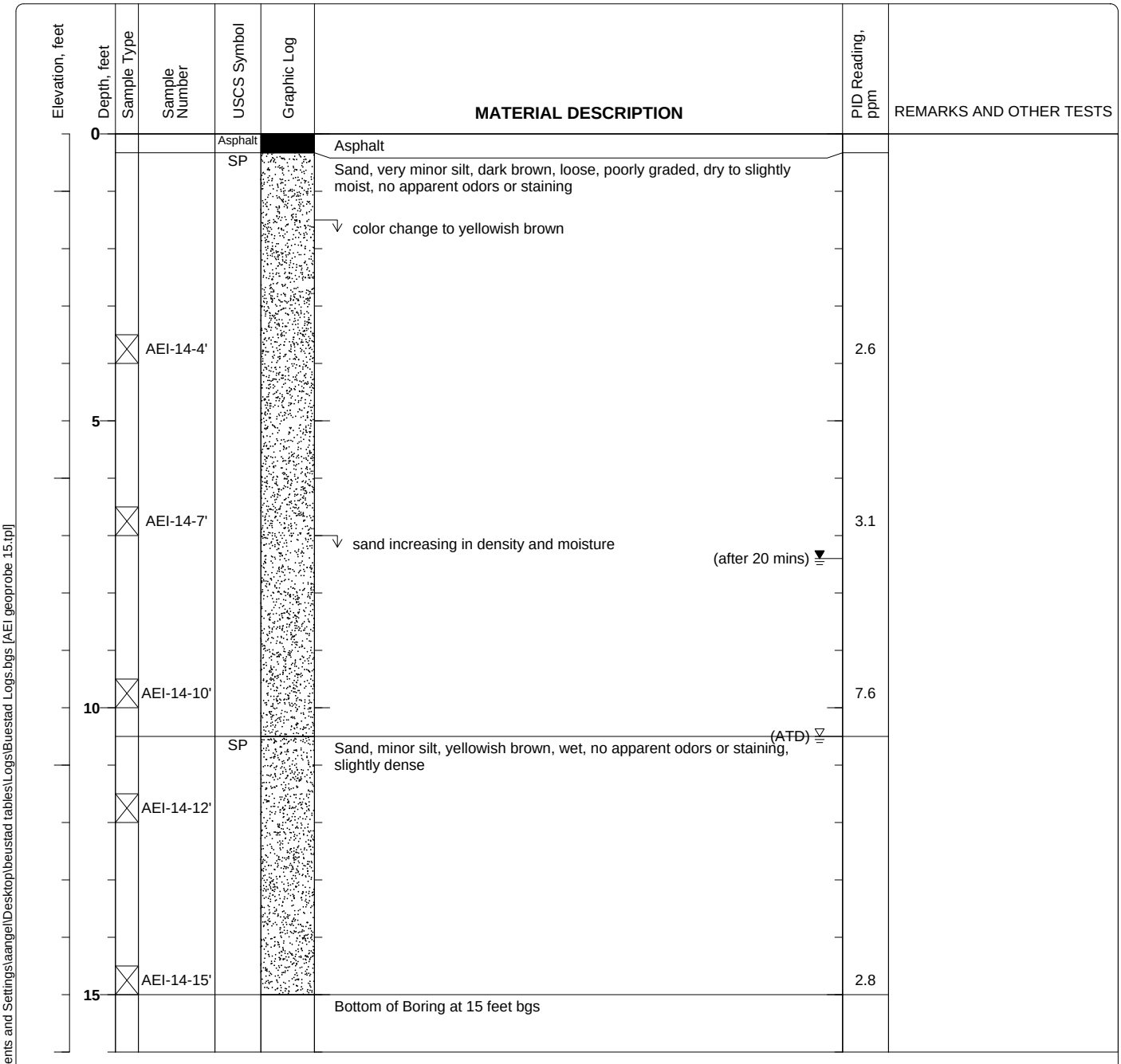
Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-14

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 7.4 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Gas UST**	



Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-15

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **9.5 feet ATD, 7.78 feet after 10 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Gas UST**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-15-4'					
	5							
			AEI-15-7'				3.1	
						sand increasing in density and moisture		
						slightly wet 7.5' - 8' bgs (perched?)		
						(after 10 mins) ▼		
						(ATD) ▽		
			AEI-15-10'	SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense	7.5	
	10							
			AEI-15-12'				4	
			AEI-15-15'					
	15					Bottom of Boring at 15 feet bgs		

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-16

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **9 feet ATD, 7.93 feet after 20 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Existing Waste Oil UST**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-16-4'				4.1	
	5							
			AEI-16-7'				2.8	
						sand increasing in density and moisture		
						(after 20 mins) ▼		
						(ATD) ▽		
				SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense		
	10		AEI-16-10'					
			AEI-16-12'				3.6	
			AEI-16-15'				3.0	
	15					Bottom of Boring at 15 feet bgs		

Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-17

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.5 feet ATD, 8.39 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Oil and Gas Area - Southwestern Corner**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Other		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-17-4'				2.3	
	5							
			AEI-17-7'				4.9	
						sand increasing in density and moisture		
			AEI-17-8'				8.7	
						(after 15 mins) ▼		
			AEI-16-10'					
	10					(ATD) ▽		
				SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense		
			AEI-17-12'				10.7	
			AEI-17-15'					
	15					Bottom of Boring at 15 feet bgs		

Figure

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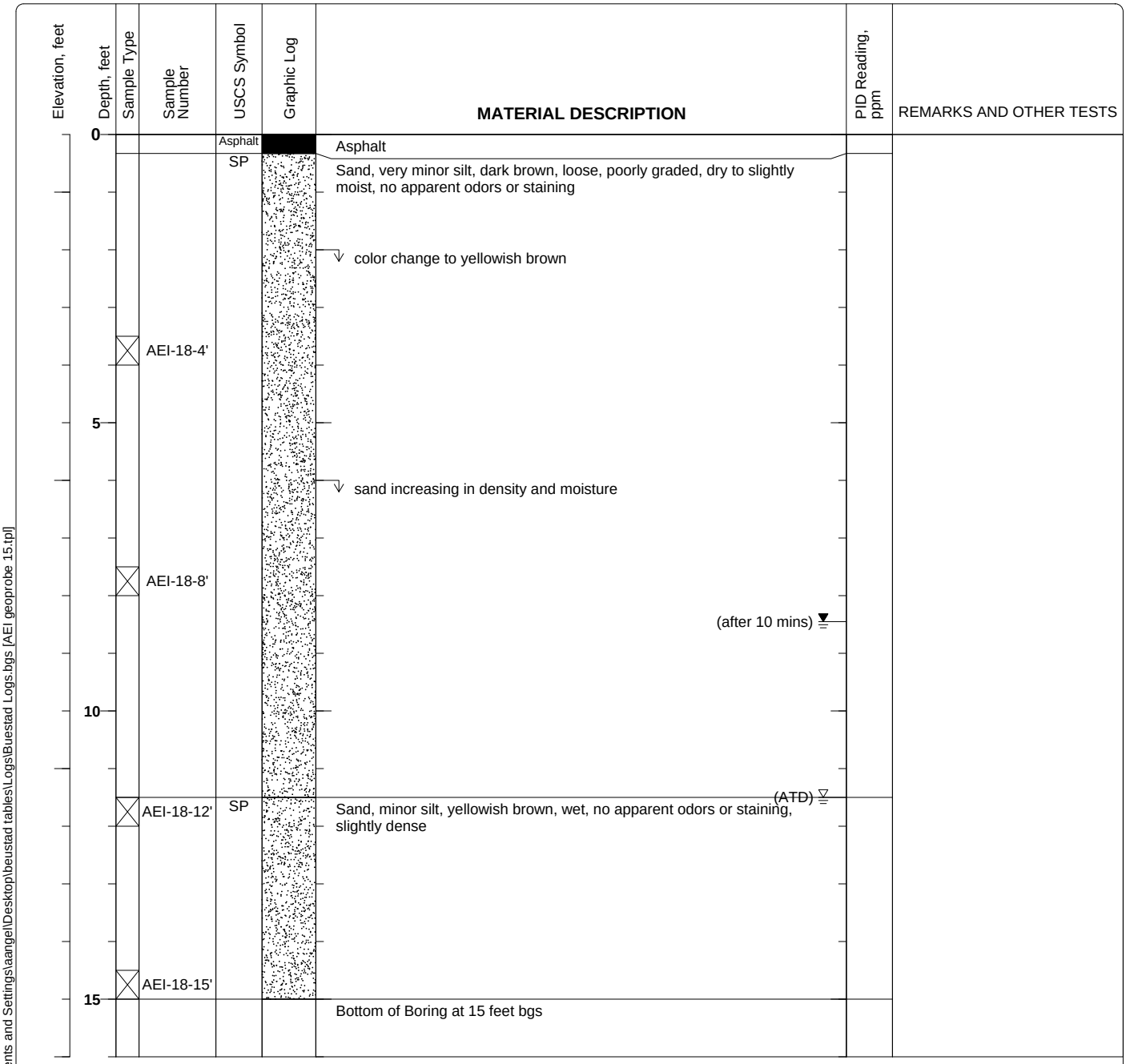
Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-18

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.5 feet ATD, 8.45 feet after 10 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Oil and Gas Area - Southwestern Corner**	



Figure

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Project: Foley Street Investments, LLC
Project Location: 1600 - 1630 Park Street, Alameda, CA
Project Number: 298931

Log of Boring AEI-19

Sheet 1 of 1

Date(s) Drilled **July 25, 2011**	Logged By **Adrian Angel**	Checked By **Peter McIntyre**
Drilling Method **Direct Push - Geoprobe**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Truck-mounted Geoprobe 5410**	Drilling Contractor **Environmental Control Associates**	Approximate Surface Elevation
Groundwater Level and Date Measured **9 feet ATD, 8.5 feet after 15 mins**	Sampling Method(s) **Tube**	Well Permit.
Borehole Backfill **Neat grout cement**	Location **Former Oil and Gas Area - Southwestern Corner**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Asphalt		
				SP		Sand, very minor silt, dark brown, loose, poorly graded, dry to slightly moist, no apparent odors or staining		
						color change to yellowish brown		
			AEI-19-4'				6.4	
	5					sand increasing in density and moisture		
			AEI-19-8'				4.4	
						(after 15 mins) ▼		
						(ATD) ▽		
	10							
			AEI-19-12'	SP		Sand, minor silt, yellowish brown, wet, no apparent odors or staining, slightly dense		
			AEI-19-15'				1.8	
	15					Bottom of Boring at 15 feet bgs		

Figure

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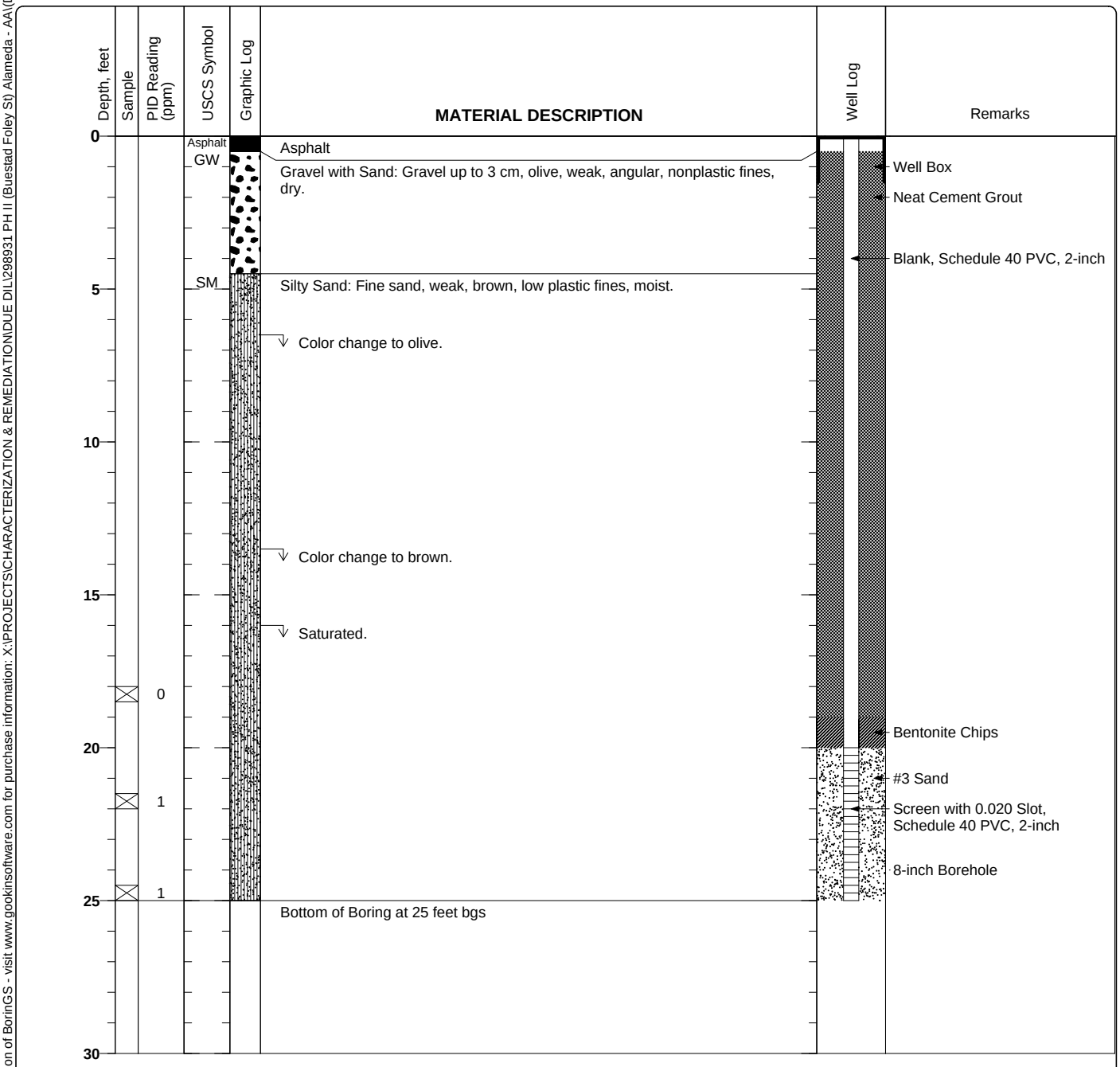
Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AS-1

Sheet 1 of 1

Date(s) Drilled **11/14/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **25 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



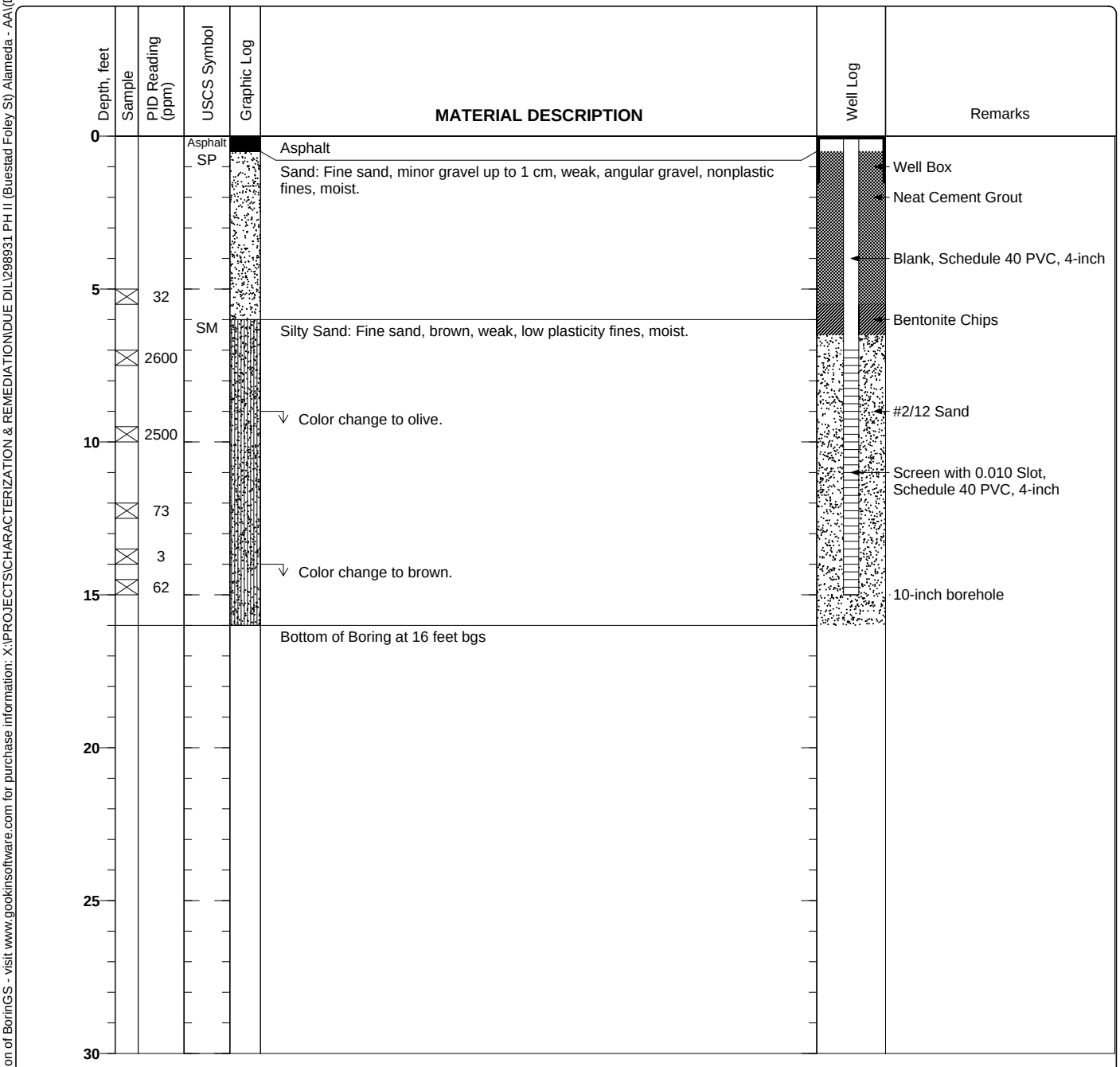
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-1

Sheet 1 of 1

Date(s) Drilled **11/15/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



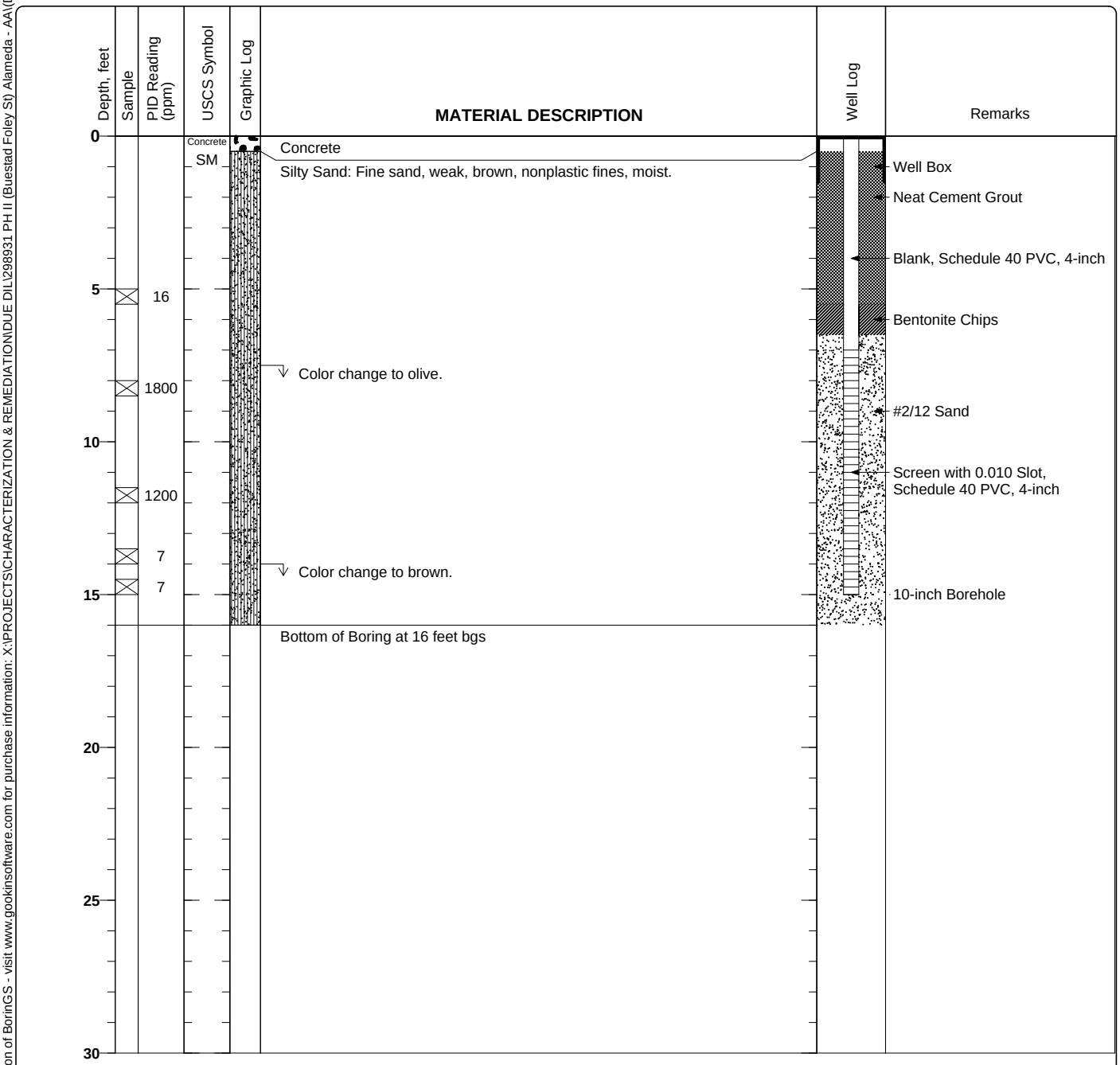
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-2

Sheet 1 of 1

Date(s) Drilled **11/15/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



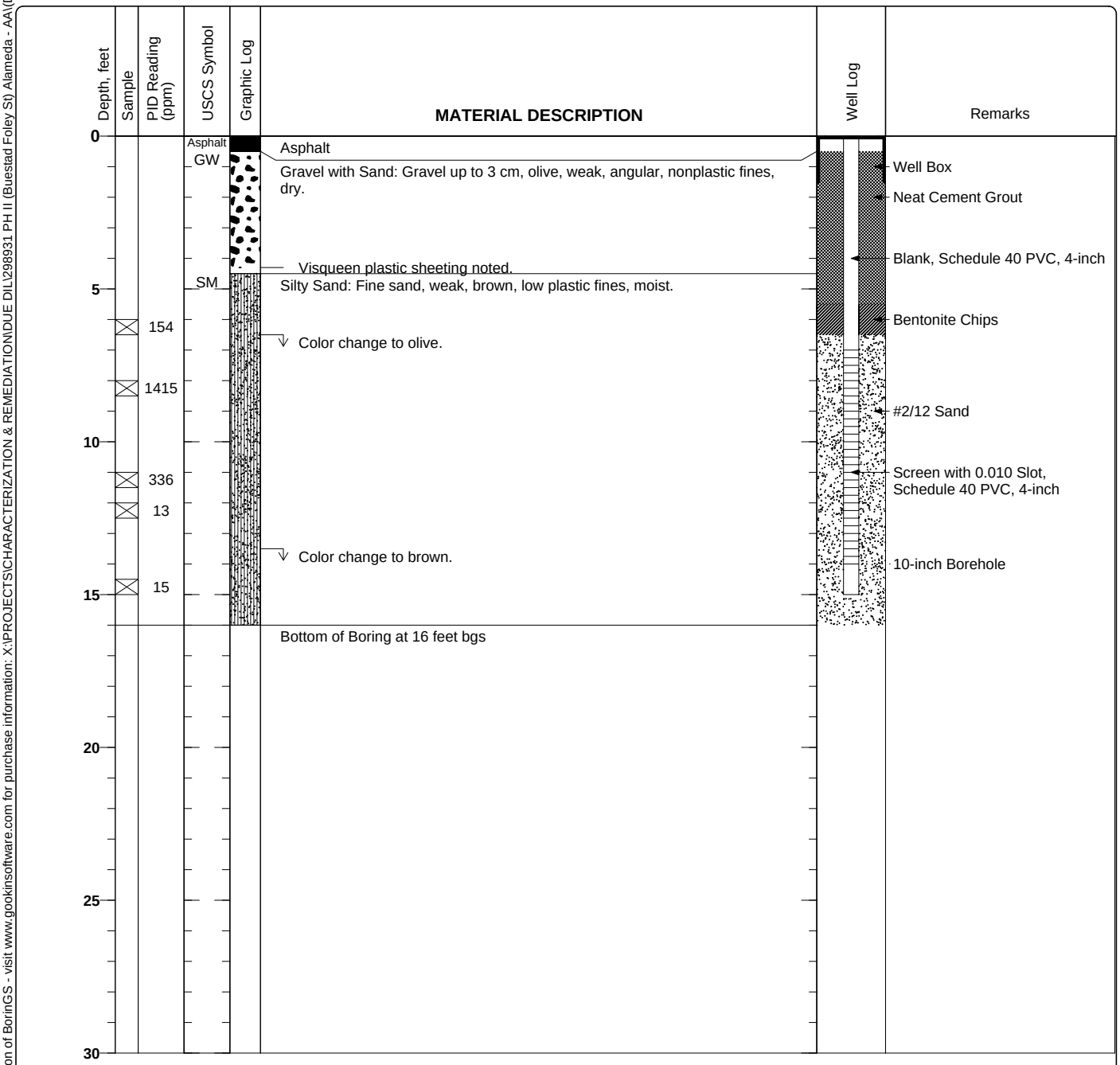
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-3

Sheet 1 of 1

Date(s) Drilled **11/14/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-20

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.3 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Silty sand, mottled reddish brown, coarse grained, brittle.		
			AEI-20-3.5	SP		Poorly graded, fine grained sand, light brown, moderately loose.	<1	
	5			SW		Medium to coarse grained sand, yellowish red, moderately loose.		
			AEI-20-7.5	SM		Silty sand, (20% silt), mottled greenish grey and light grey, moderately soft and loose, hydrocarbon odors.	78.1	
	10		AEI-20-11			(ATD) ▽	104.3	
				SP		Fine grained sand, yellowish brown, moist to wet, compact.		
			AEI-20-15				26.7	
	15					Bottom of Boring at 15 feet bgs. Groundwater sample collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-21

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.7 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Silty sand, dark brown and mottled red, hard.		
				SM		Becomes yellowish brown, fine grained, cohesive, friable.		
		☒	AEI-21-3				<1	
				SM		Becomes fine to medium grained sand.		
	5							
		☒	AEI-21-7				<1	
		☒	AEI-21-9	SM		Silty sand (20% silt), greyish green, non-plastic.	32.9	
	10					(ATD) ▽		
		☒	AEI-21-11				61.5	
				SP		Sand, yellowish brown, wet, hard, friable, cohesive.		
		☒	AEI-21-14				17.9	
						Bottom of Boring at 14 feet bgs. Groundwater Sample Collected.		
	15							
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-22

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.9 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Silty sand, dark brown and mottled reddish brown, hard, slightly friable.		
				SM		Silty sand, dark yellowish brown, fine to medium grained, moist, loose, friable.		
			AEI-22-4				<1	
	5							
			AEI-22-7				<1	
				SM		Silty sand, yellowish red, fine grained sand, moderately loose.		
				SM		Silty sand (20% silt), greenish grey, fine grained sand, non-plastic, wet.		
			AEI-22-9				9.4	
	10					(ATD) ▽		
			AEI-22-11				13.8	
				SM		Silty sand, light yellowish brown, non-plastic.		
			AEI-22-14				5.4	
	15					Bottom of Boring at 15 feet bgs. Groundwater Sample Collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-23

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **14.5 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.09 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Sandy silt, black and mottled orange.		
		X	AEI-23-3				<1	
				SM		Light yellowish brown sand, increasing compactness with depth.		
	5	X	AEI-23-6				1.7	
		X	AEI-23-9.5	SW		Sand, greenish grey, fine to medium grained, moist to wet.	39.8	
	10					(ATD) ▽		
		X	AEI-23-12.5				75.1	
				SP		Fine grained sand, yellowish brown, wet.		
		X	AEI-23-14.5				11.2	
	15					Bottom of Boring at 14.5 feet bgs. Groundwater Sample Collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-24

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.4 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Sandy silt, black, friable, dry, trace subangular fine gravel. Non-plastic.		
		X	AEI-24-3.5				<1	
				SM		Silty sand, reddish yellowish brown, non-plastic, moist, slightly friable.		
	5							
		X	AEI-24-7				9.8	
				SM		Silty sand, light olive brown, moist, moderately loose.		
	10							
		X	AEI-24-10.5			(ATD) ▽	19.4	
				SW		Sand with trace gravel, reddish, yellowish brown, fine to medium grained, wet.		
		X	AEI-24-13				<1	
	15							
						Bottom of Boring at 16 feet bgs. Groundwater Sample Collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-25

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.8 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Sandy silt, black mottled with red/orange, slightly friable, dry, cohesive.		
			AEI-25-4	SM		Silty sand, reddish yellowish brown, moist	<1	
	5		AEI-25-7.5				<1	
				SP		Fine to medium grained sand, yellowish brown, moist, wet at 12 feet.		
	10		AEI-25-10			(ATD) ▽	23.2	
				SM		Silty sand, reddish yellow, fine to medium grained, non-plastic, wet, expansive.		
			AEI-25-14				<1	
	15					Bottom of Boring at 15 feet bgs. Groundwater Sample Collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-26

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **14 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **11.8 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Conrete and Fill		
				SM		Silty sand, dark brown mottled with red/orange, hard, friable.		
				SM		Silty sand, yellowish brown mottled reddish yellow, cohesive, friable, moist.		
			AEI-26-4				<1	
	5							
			AEI-26-7.5				<1	
	10							
			AEI-26-10.5	SP		Silty sand, dark brown, non-plastic, wet.	6.3	
						(ATD) ▽		
			AEI-26-14				<1	
						Bottom of Boring at 14 feet bgs. Groundwater Sample Collected.		
	15							
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-27

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **15 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **9.7 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Asphalt and Fill		
				SM		Sandy silt, black and mottled red, hard, friable.		
		X	AEI-27-3	SM		Silty sand, reddish yellowish brown, moist.	<1	
	5	X	AEI-27-8				<1	
				SM		Sand with silt, yellowish brown. (ATD) ▽		
	10	X	AEI-27-10.5				<1	
				SM		Silty sand, dark yellowish brown, non-plastic, wet, fine grained sand.		
		X	AEI-27-14				<1	
	15					Bottom of Boring at 15 feet bgs. Groundwater sample collected.		
	20							

Figure

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AEI-28

Sheet 1 of 1

Date(s) Drilled **January 17, 2012**	Logged By **Harmony Tomsun**	Checked By **Bryan Campbell**
Drilling Method **Direct Push**	Drill Bit Size/Type **2 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Limited Access**	Drilling Contractor **ECA**	Approximate Surface Elevation
Groundwater Level and Date Measured **10.61 feet ATD**	Sampling Method(s) **Direct-Push Sampler**	Well Permit. **W2012-0024**
Borehole Backfill **Neat Cement**	Location **1630 Park Street, Alameda, California**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0			Asphalt		Concrete and Fill		
				SM		Sandy silt, black/dark brown and mottled red/orange.		
			AEI-28-3	SM		Silty sand, light yellowish brown, (20% silt), increasing grain size with depth.	<1	
	5		AEI-28-6				<1	
	10		AEI-28-10.5	SM		Silty sand, greenish grey, wet, moderately loose (20% silt). (ATD) ▽	32.8	
			AEI-28-13.5	SM		Silty sand, light yellowish brown, non-plastic, wet, loose.	1.4	
	15					Bottom of Boring at 16 feet bgs. Groundwater sample collected.		
	20							

Figure

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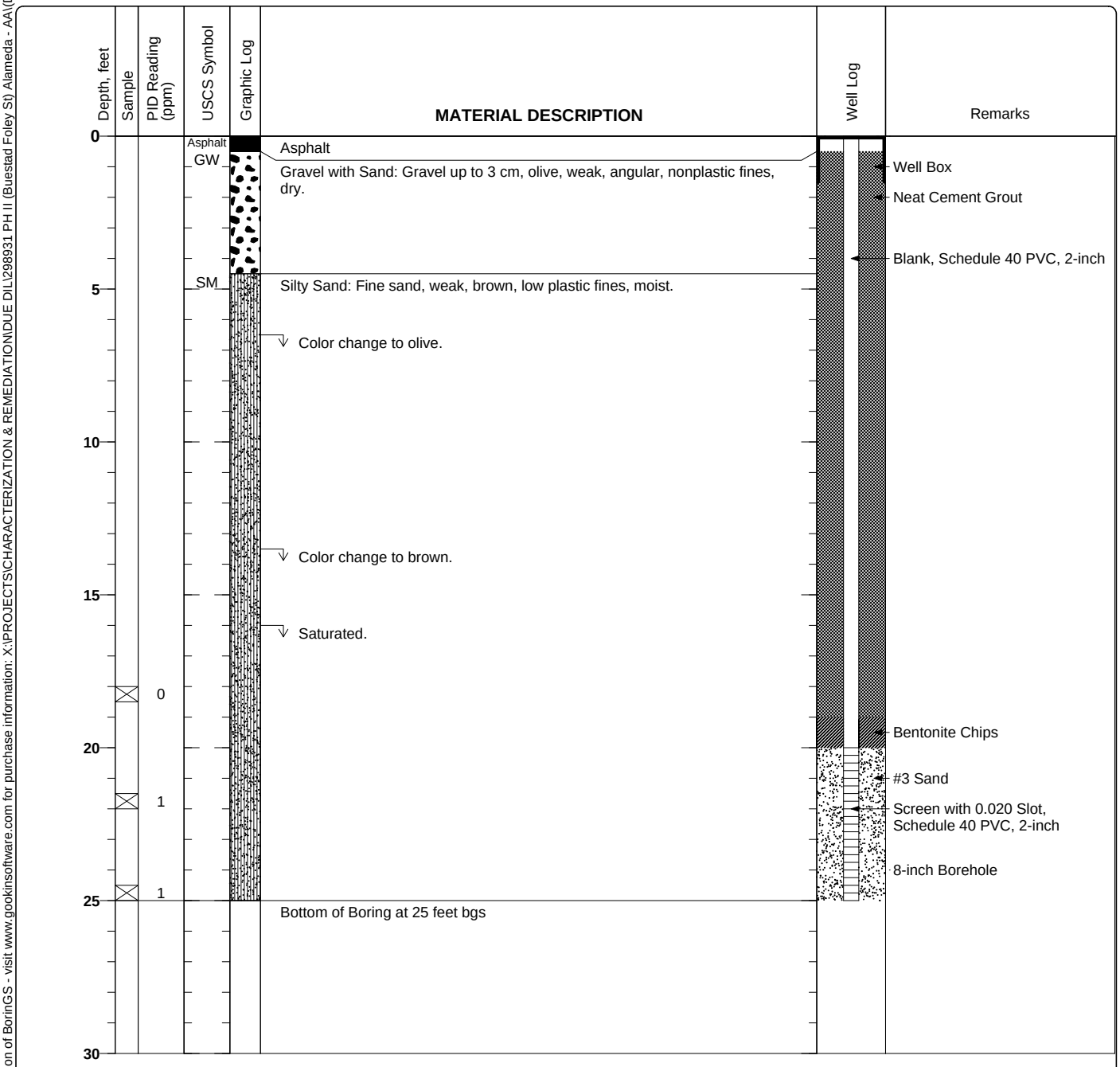
Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring AS-1

Sheet 1 of 1

Date(s) Drilled **11/14/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **25 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



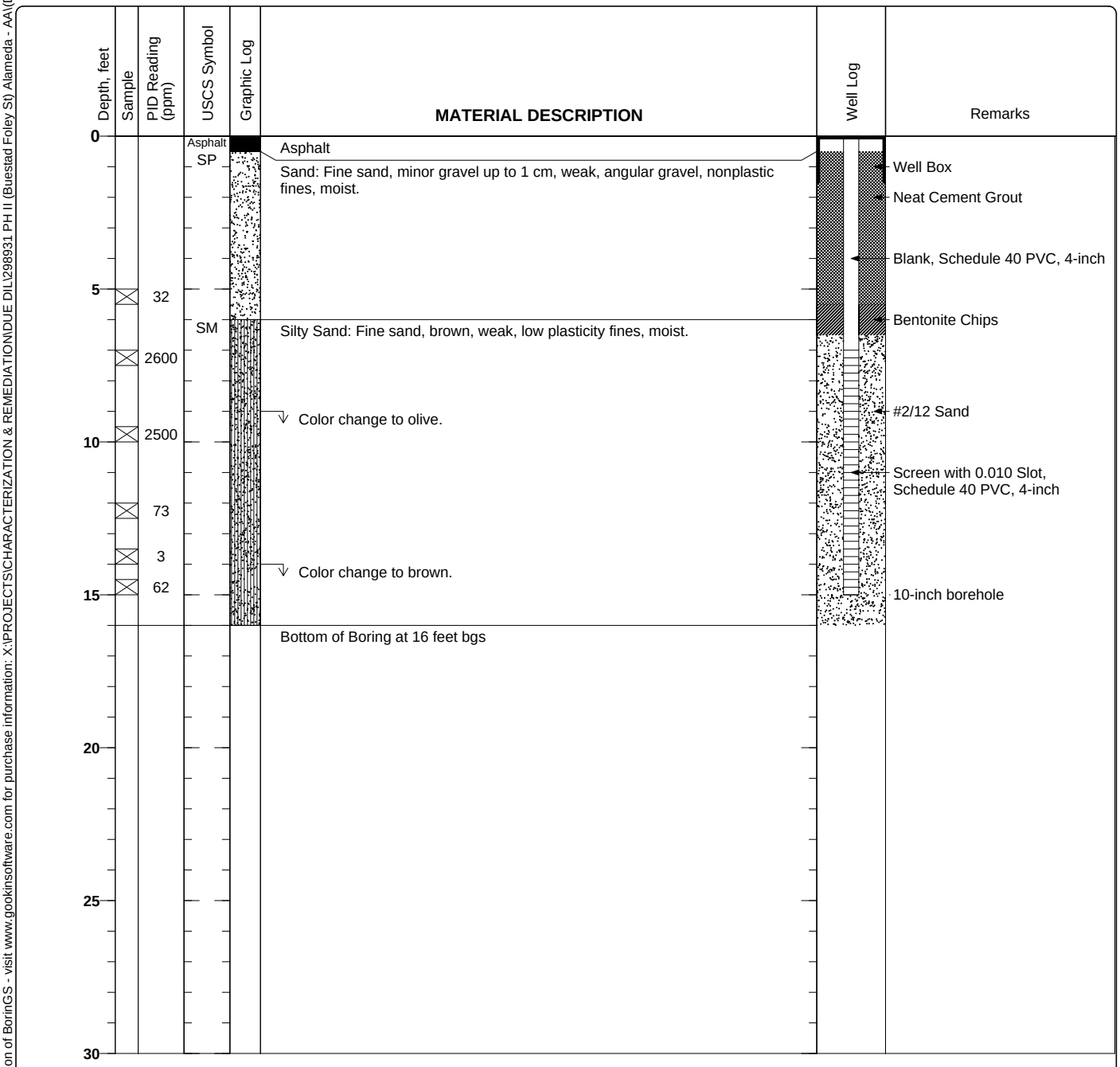
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-1

Sheet 1 of 1

Date(s) Drilled **11/15/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



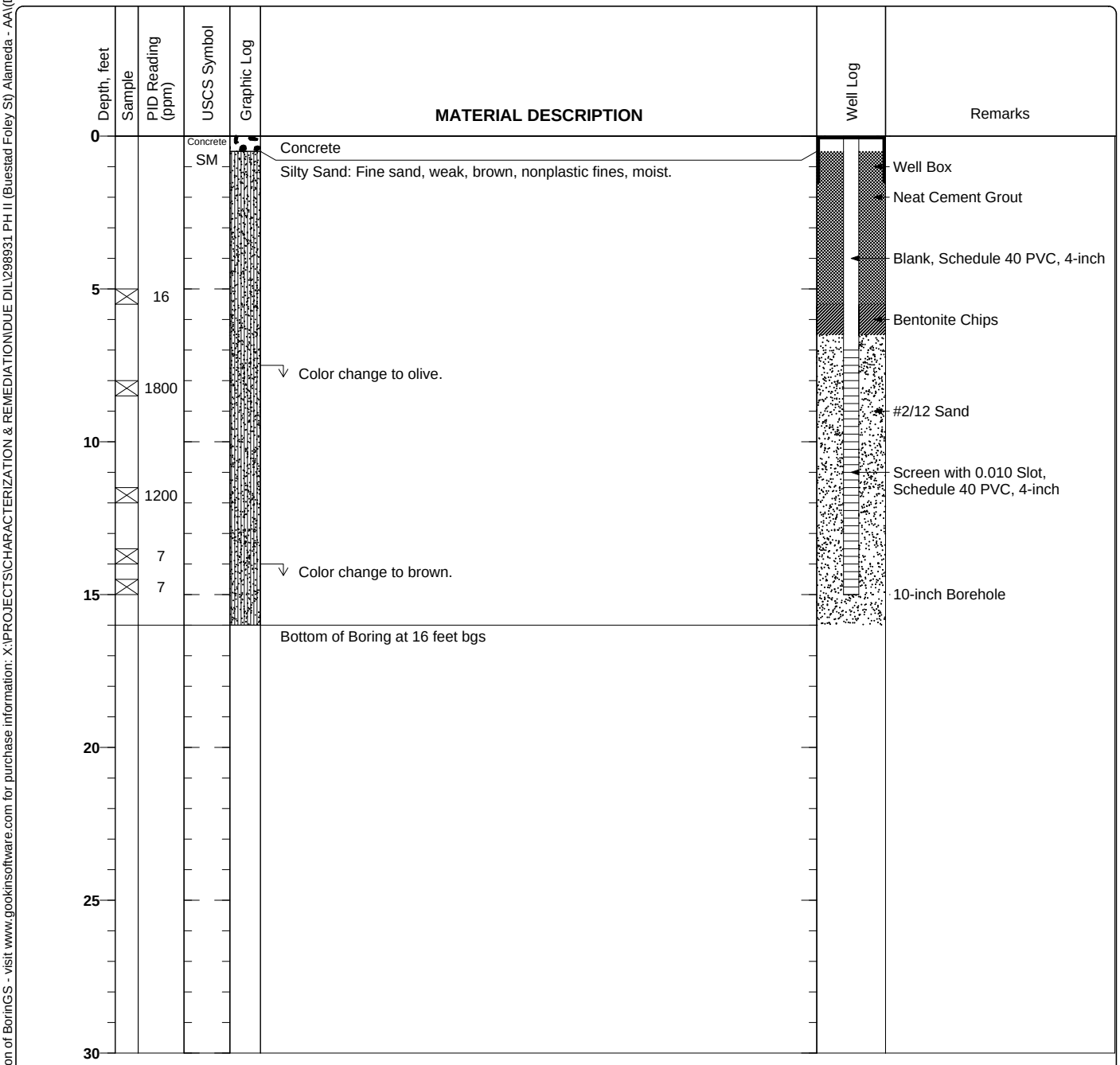
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-2

Sheet 1 of 1

Date(s) Drilled **11/15/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



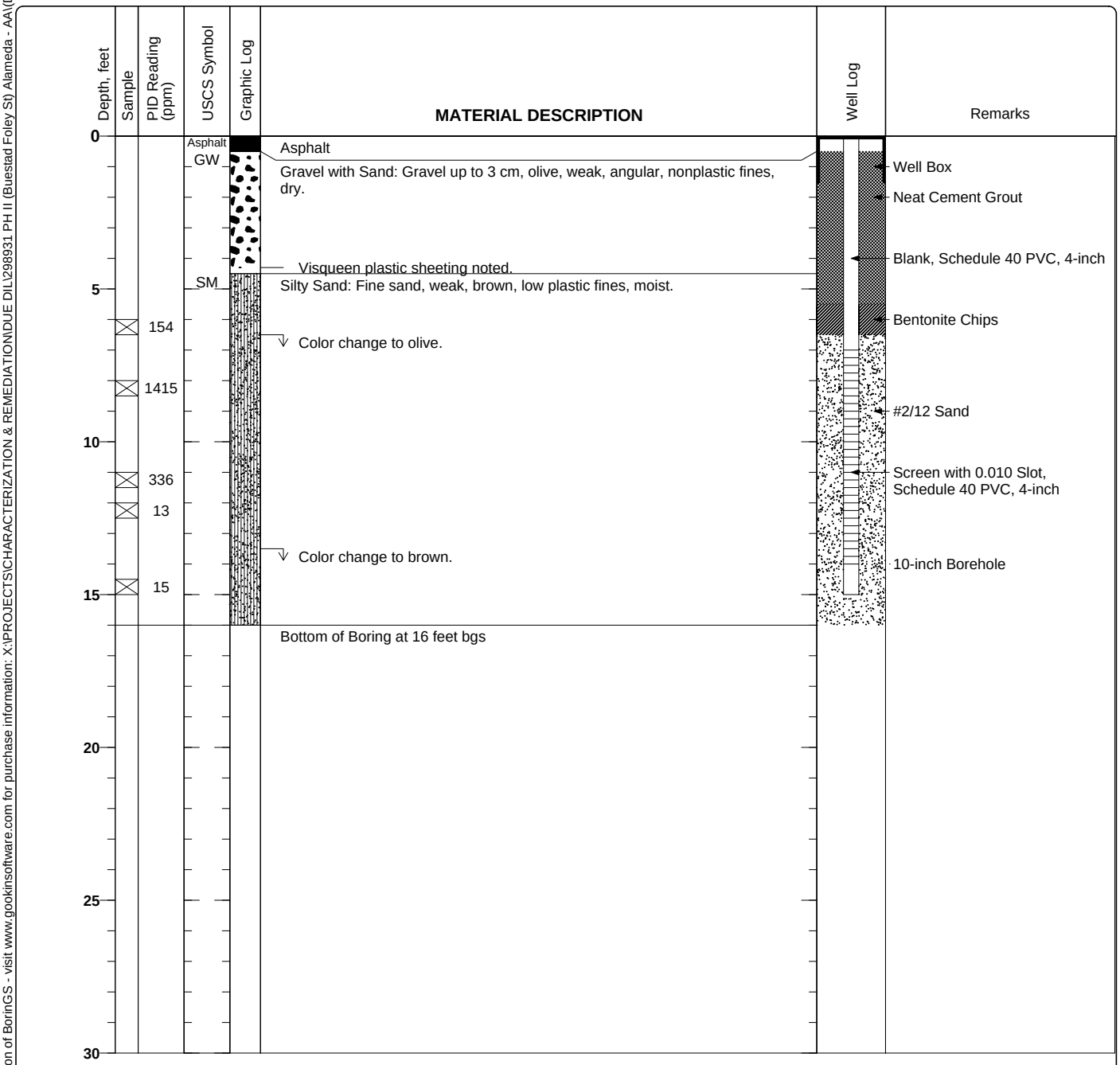
Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-3

Sheet 1 of 1

Date(s) Drilled **11/14/11**	Logged By **Bryan Campbell**	Checked By **Bryan Campbell**
Drilling Method **Hollow Stem Auger**	Drill Bit Size/Type **10 inch**	Total Depth of Borehole **16 feet bgs**
Drill Rig Type **Geoprobe 6620D**	Drilling Contractor **RSI Drilling**	Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) **Direct-Push Sampler**	Hammer Data
Borehole Backfill **Well Completion**	Location **1630 Park Street, Alameda, California**	



Plate

Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-10

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 17 feet bgs
Drill Rig Type MARL 10T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.32 feet measured on 1/23/12	**Sampling Method(s)**	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Asphalt		Asphalt and Fill Well Not Logged.	
	5								
	10								
	15								
								Bottom of Boring at 17 feet bgs	
	20								
	25								
	30								

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-9

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 10T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.16 feet measured on 1/23/12	**Sampling Method(s)**	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Asphalt		Asphalt and Fill	
								Well Not Logged.	
	5								
	10								
	15								
								Bottom of Boring at 18 feet bgs	
	20								
	25								
	30								

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-8

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 10T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.21 feet measured on 1/23/12	**Sampling Method(s)**	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Asphalt		Asphalt and Fill Well Not Logged.	
	5								
	10								
	15								
	20							Bottom of Boring at 18 feet bgs	
	25								
	30								

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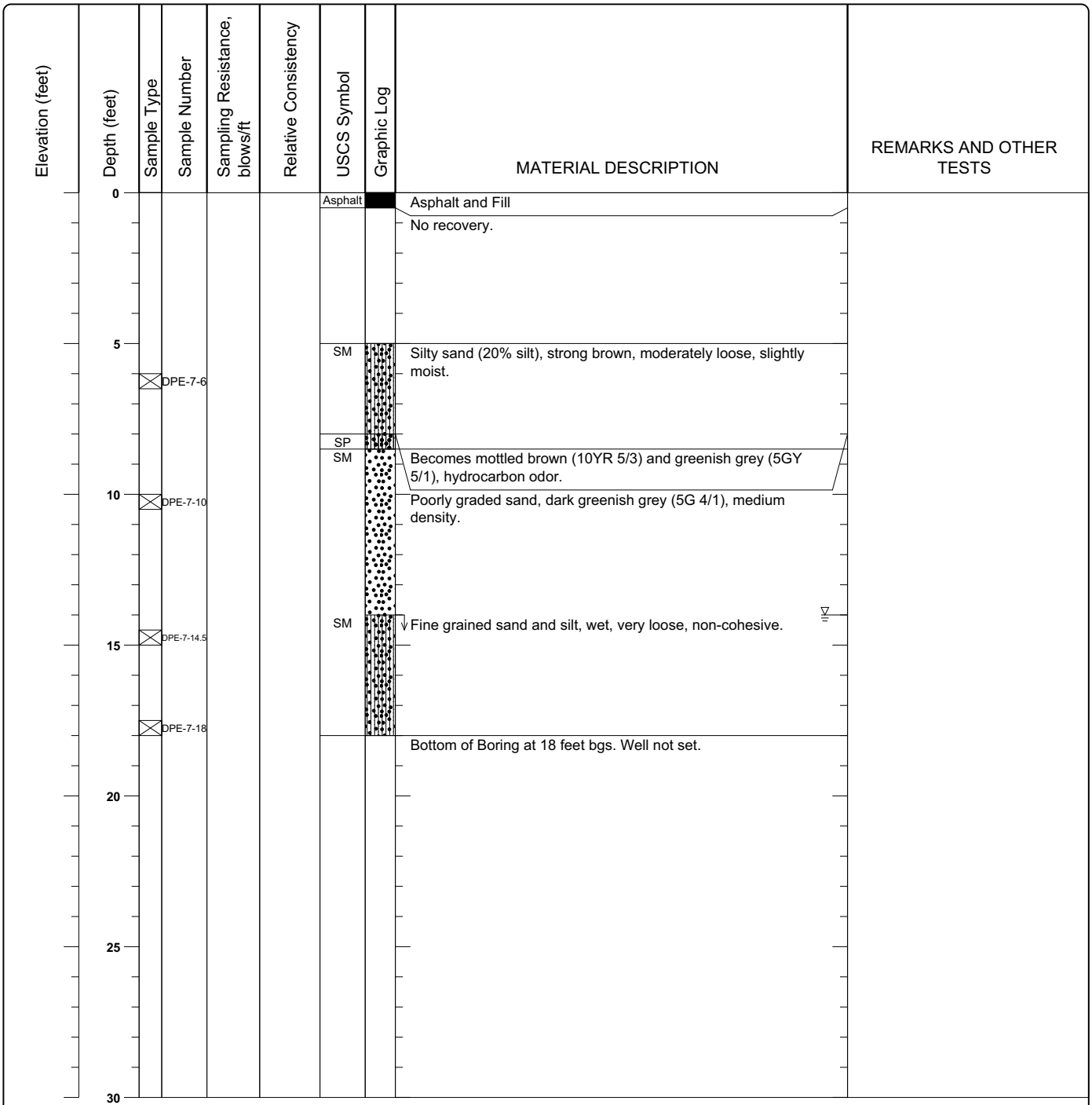
Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-7

Sheet 1 of 1

Date(s) Drilled January 19, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 5T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 14 feet ATD	**Sampling Method(s)** Direct-Push Sampler	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	



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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-6

Sheet 1 of 1

Date(s) Drilled January 19, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 5T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.59 feet measured on 1/23/12	**Sampling Method(s)** Direct-Push Sampler	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Concrete		Concrete and Fill No recovery.	
	5					SP		Fine grained sand, borwn (7.5YR 4/4)	
						SM		Silty sand with (20-30% clay), dark yellowish brown (10YR 3/6), moderate plasticity, firable.	
			DPE-6-7			SM		Sand with 30% silt, greyish green (5G 4/2), moderately loose, moist, hydrocarbon odor. ▼	
	10		DPE-6-10					Yellowish brown 10YR 5/6	
			DPE-6-1						
	15		DPE-6-14			SM		Silty sand, yellowish brown, no plasticity, saturated, loose.	
								Bottom of Boring at 18 feet bgs	
	20								
	25								
	30								

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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-5

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 5T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.85 feet measured on 1/23/12	**Sampling Method(s)** Direct-Push Sampler	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Concrete		Concrete and Fill	
						SM		Sandy silt, black/pale brown	
	5					SM		Silty sand, brown (7.5YR 4/4), moderately loose, 40% silt.	
			DPE-5-8			SM		Sand with silt (30%), very dark greyish brown (5G 3/2), moderately loose, very moist to wet, hydrocarbon odor. ▼	
	10		DPE-5-11			SM		Sheen observed	
			DPE-5-14			SM		silty, clayeye sand, yellowish brown, wet, no plasticity.	
	15		DPE-5-18					Bottom of Boring at 18 feet bgs	
	20								
	25								
	30								

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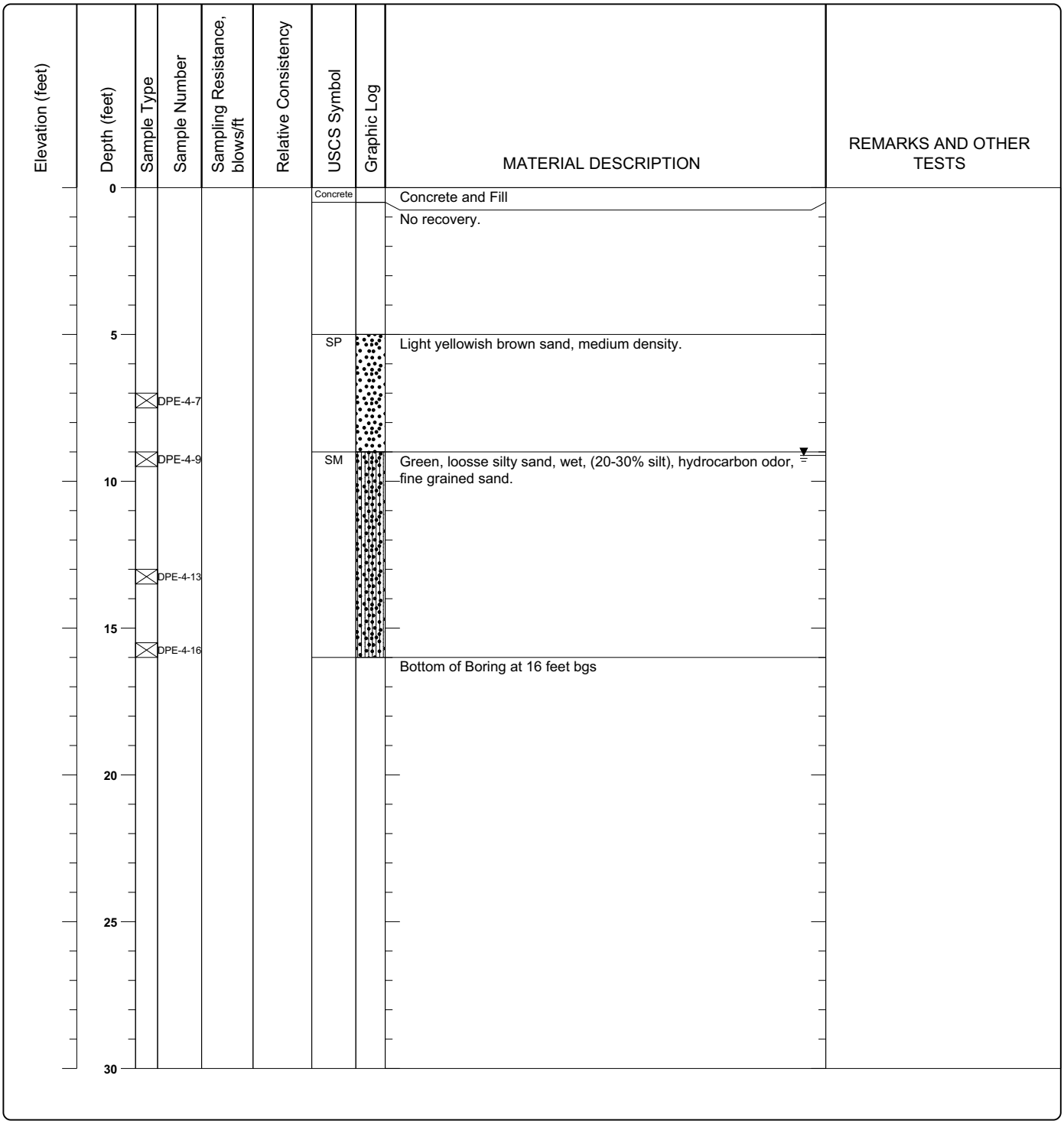
Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-4

Sheet 1 of 1

Date(s) Drilled January 19, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 17 feet bgs
Drill Rig Type MARL 5T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 9.12 feet measured on 1/23/12	**Sampling Method(s)** Direct-Push Sampler	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	



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Project: Alameda, California
Project Location: 1630 Park Street, Alameda, California
Project Number: 298931

Log of Boring DPE-11

Sheet 1 of 1

Date(s) Drilled January 20, 2012	**Logged By** Harmony Tomsun	**Checked By** Bryan Campbell
Drilling Method Hollow Stem Auger	**Drill Bit Size/Type** 10 inch	**Total Depth of Borehole** 18 feet bgs
Drill Rig Type MARL 10T	**Drilling Contractor** Gregg Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 8.79 feet measured on 1/23/12	**Sampling Method(s)**	**Hammer Data** W2012-0055
Borehole Backfill Well Completion	**Location** 1630 Park Street, Alameda, California	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0					Asphalt		Asphalt and Fill Well Not Logged.	
	5								
	10								
	15								
	20							Bottom of Boring at 18 feet bgs	
	25								
	30								

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